Data from an Experimental Gillnetting Program on Great Slave Lake, Northwest Territories, 1980-81

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Department of Fisheries and Oceans
Winnipeg, Manitoba R3T 2N6

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by

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ABSTRACT

Roberge, M.M., G. Low, and C.J. Read. 1985. Data from an experimental gillnetting program on Great Slave Lake, Northwest Territories, 1980-81. Can. Data Rep. Fish. Aquat. Sci. 537: vii + 156 p.

An experimental gillnetting program was conducted on Great Slave Lake in 1980-81. Data required for stock assessment, in particular for lake whitefish, are presented including age, growth, maturity, mortality and year-class strength. Information on the catch composition for all species as well as biological data on each fish species is also presented.

Key words: catch composition; commercial fishing; exploitation; fishery management; whitefish, lake; Coregonus clupeaformis; population structure; stock assessment.

RESUME

Roberge, M.M., G. Low, and C.J. Read. 1985. Data from an experimental gillnetting program on Great Slave Lake, Northwest Territories, 1980-81. Can. Data Rep. Fish. Aquat. Sci. 537: vii + 156 p.

En 1980-1981, on a mis en oeuvre un programme expérimental de pêche aux filets maillants sur le Grand lac des Esclaves. Ce rapport présente les données requises pour l'évaluation des stocks, en particulier en ce qui a trait au grand corégone. Ces données portent sur l'âge, la croissance, la maturité, le taux de mortalité et le nombre de poissons par classe d'âge. On y fournit également des renseignements sur la composition des prises pour toutes les espèces, ainsi que des données biologiques sur chaque espèce de poisson.

Mots-clés: composition des prises; pêche commerciale; exploitation; gestion des pêche; corégone, grand; Corégonus clupeaformis; structure de la population; évaluation des stocks.

INTRODUCTION

In 1971, Fisheries and Marine Service (now the Department of Fisheries and Oceans) began a long term stock assessment and monitoring program designed to collect information considered necessary for the sound management of the Great Slave Lake commercial fishery (Great Slave Lake Working Party 1969). In 1977 a new experimental management scheme was implemented which included fish plant sampling, fishery/vessel observations and experimental gillnetting in the traditional commercial fishing areas of the lake (Moshenko et al. 1978). Results of the work conducted between 1972 and 1976 have been described by Bond (1974a, b; 1975a, b), Bond and Turnbull (1973). Moshenko et al. (1978; 1981), Moshenko and Low (1978a, b; 1979; 1980) and Roberge et al. (1982; 1984) present the results of the experimental management program initiated in 1977.

The stock assessment component of the program was designed to assess the change in age, size, growth rate and mortality, in particular for lake whitefish and to assess the population structure of the various fish species inhabiting Great Slave Lake. The mode of operation consisted of experimental gillnetting the traditional commercial fishing areas on a triannual basis. Experimental gillnetting was first conducted in 1974 in two areas of the western basin (Bond 1975b). Information was obtained on the size and age structure of the lake whitefish occurring in these areas. Data were also collected on the species composition of the fish community and related population structure of each fish species. In 1977, experimental gillnetting was undertaken in order to collect stock assessment data and determine mesh selectivity for lake whitefish (Moshenko and Low 1978b) as well as to collect biological data on other fish species occurring in the area (Appendix 3-59).

During 1980-81, the stock assessment and fish monitoring components of the program were again carried out. During the course of the two-year stock assessment study experimental gillnetting was conducted within the six commercial fishing areas of Great Slave Lake. This report summarizes, in tabular form, the stock assessment data collected on lake whitefish in particular, as well as the biological data on the other fish species caught.

STUDY AREA

Great Slave Lake lies in the southwest corner of the District of Mackenzie, Northwest Territories (Fig. 1). It is the fifth largest lake in North America, having a surface area of 27 195 km^2 and a drainage area of 985 300 km^2. Stretching 440 km from its extreme east end to the outlet of the Mackenzie River, the lake straddles two physiographic regions. The northeast shore of the north arm and the east arm lie within the Precambrian Shield and have irregular, precipitous margins. The western portion of the lake overlies the alluvial plain known as the Mackenzie Lowlands and has few islands and gently sloping shores. The rivers entering the lake from the shield are cold, clear and rapidly flowing while those entering from the south are slow flowing brown water streams laden with silt during spring and early summer. While the western basin has a maximum depth of approximately 165 m and a mean depth of 42 m, a depth of 625 m has been recorded in the east arm. Physical and biological characteristics of the lake have been previously described in detail by Rawson (1950, 1951, 1953a, b).

METHODS AND MATERIALS

EXPERIMENTAL GILLNETTING

Experimental gillnetting was conducted within six of the seven Administrative Areas of Great Slave Lake over a two year period (Fig. 2). In 1980, Administrative Areas IW, IE, II and III were surveyed between June 9 and July 15 while Administrative Areas IV and V were sampled between June 24 and July 20, 1981. A total of 100 net sets were made during the course of the two-year study. Each net set consisted of one standard gang of gillnets. Standard gangs were composed of 45.7 m lengths each of 38 mm, 64 mm, 89 mm, 114 mm, 127 mm, 133 mm and 139 mm mesh (stretched measure) nylon gillnets. (Appendix 1). The gangs were hung sequentially from 38 mm to 139 mm with a three meter gap between each mesh size in order to reduce leading of fish from one mesh size to another.

Set locations were not chosen randomly. Areas and depths known to be productive for lake whitefish and used by the commercial fishermen were selected. Whenever possible, nets were set in the general locale used by commercial fishermen. All sets were made on the bottom. The average set duration was 24 hours and always included one overnight period. The range of net duration was 11.5 to 28.5 hours excluding seven sets which were set for 42 to 52.5 hours due to poor weather conditions.

Area IW

Sixteen sets were made from June 23 to July 1, 1980 (Fig. 2). All sets were located off the mouth of the Mackenzie River. These sites were chosen to coincide with the area utilized by the commercial fishermen during the intensive June fishery.

Area IE

Fifteen sets were made in Area IE from June 9-20, 1980 (Fig. 2). Nine sets were made along the south shore area just outside the subsistence fishing zone. The remaining six sets were made within the vicinity of Slave Point.

Area II

Ten sets were made from July 22-30, 1980 (Fig. 2). The sites were located between Caribou Point and Northwest Point.

Area III

Sixteen sets were made from July 9-18, 1980 along the south shore from Sulphur Point to the boundary of the Fort Resolution subsistence fishing zone (Fig. 2). Set no. 16 was not included in calculating catch per unit effort (Table 1) since the net was pulled only after a 3 day delay due to bad weather.

Area IV

Twenty-three sets were made from June 23 to July 6, 1981 (Fig. 2). Nine sets were made within the vicinity of Old Fort Island which was within a heavily fished area. Two sets were made off Ptarmigan Point while an additional twelve sets were located along the north shore near Jackfish Islands.

Area V

Twenty sets were made from July 11-21, 1981 (Fig. 2). Five sets were made along the south shore of Et-then Island while eight sets were located within the vicinity of Pekanatui Point. Another set was made near the eastern boundary between Area V and Area VI. A set was also made in MacDonald Bay and another five miles east of the Simpson Islands fish plant. Three sets were made near the eastern entance to Hornby Channel while an additional set was made within the middle of Hornby Channel. Sets were not made in the offshore area west of Simpson Islands since fishermen reported very poor catches in this area during July.

BIOLOGICAL SAMPLING

Fish were sampled from the experimental gillnets for fork length (± 1 mm), round weight (± 50 g), aging structures (otoliths/scales), sex and stage of maturity. Sex and relative stage of maturity were determined by examination of the gonads and coded according to the stages described by Falk et al. (1982).

Sagittal otoliths were taken from lake trout and burbot and stored dry in coin envelopes. In the laboratory, the otoliths were selectively ground on a carborundum stone and placed in a cleaning/clarifying solution of 3:1 benzyl-benzoate and methyl salicylate before being read under a binocular dissecting microscope (X30). A reflecting light source against a black background was used to emphasize the annual growth zones which were counted to determine the ages.

Scales were taken from all other species caught as described by Hatfield et al. (1972) and stored dry in coin envelopes. Catostomidae species were not aged. In the laboratory, scales were mounted between glass slides and the completed annuli counted on the image produced by an Eberbach microprojector (X40).

DATA ANALYSIS

Data were analyzed using an Amdahl 5850 computer. The Statistical Analysis System (SAS Institute 1982) was used to generate length, weight, sex, age and maturity tables.

Weight-length relationships were calculated using least squares regression analysis on logarithmic transformations of fork length and round weights. The relationship is described by the following equation:

$$\log_{10} W = a + b\ (\log_{10} L)$$

where W = weight in grams
L = fork length in millimeters.

Relative condition factor (K), a measure of the plumpness of a fish, was determined using the formula:

$$K = \frac{W \times 10^5}{L^3}$$

where W = weight in grams
L = fork length in millimeters

Instantaneous total mortality (Z) for each fish species was calculated from the least squares regression line fitted to the descending limb of catch curves. Catch curves were fitted by eye and only that portion of the curve that appeared linear was included in the analysis. Moderate fluctuations in recruitment in different year classes tend to create an irregular shaped catch curve. To reduce these irregularities from unstable recruitment samples from successive years were combined (Ricker 1975). Smooth catch curves were obtained using a running average of three years. Ricker (1975) indicated that the modal age in the catch curve will commonly lie close to the first year in which recruitment can be considered effectively complete. Therefore only the next older and subsequent age groups from the modal age on were used.

Catch and catch per unit effort for lake whitefish caught in the experimental gillnetting program in Great Slave Lake in 1977 were reanalyzed and are presented in this report (Appendix 2) since errors were found in the previous calculations (Moshenko and Low 1978b).

ACKNOWLEDGMENTS

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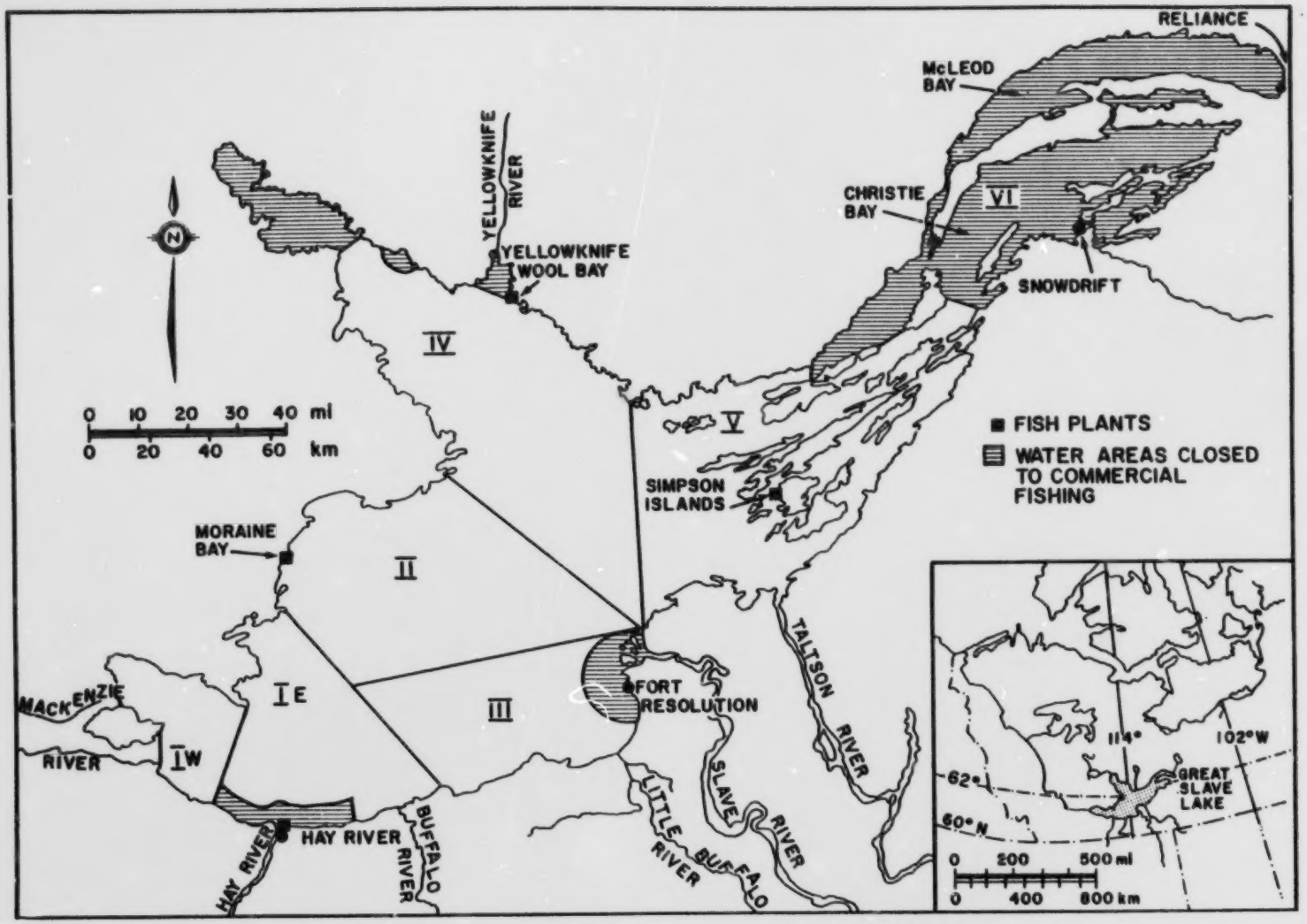

Fig. 1. Map of Great Slave Lake showing the administrative areas and areas closed to commercial fishing.

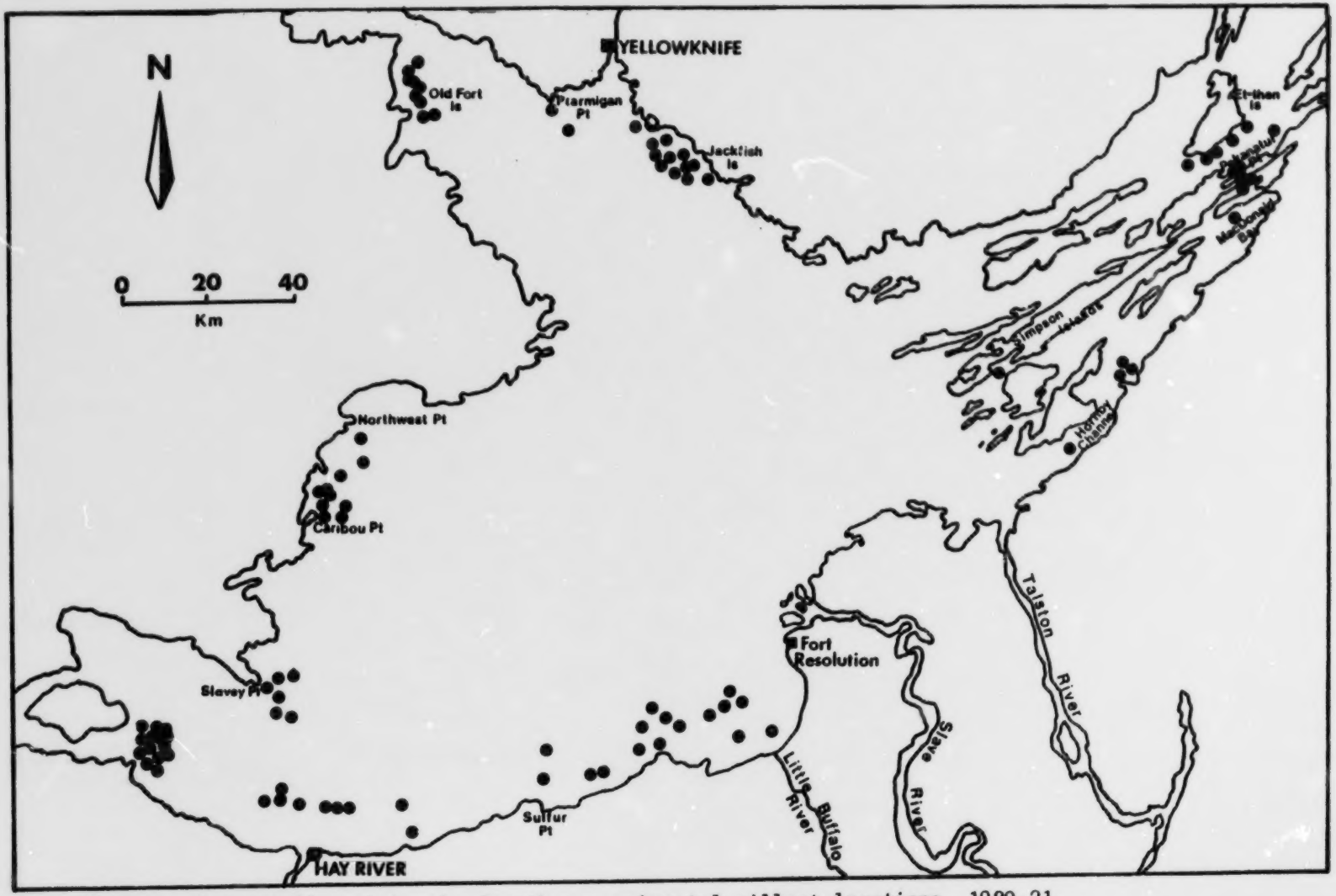

Fig. 2. Map of Great Slave Lake showing the experimental gillnet locations, 1980-81.

Table 1. Catch and weight, by mesh size and area, for each fish species caught by experimental gillnets, Great Slave Lake 1980-81.

Area	Species	Mesh Size (mm) 38 No.	38 Wt.(kg)	64 No.	64 Wt.(kg)	89 No.	89 Wt.(kg)	114 No.	114 Wt.(kg)	127 No.	127 Wt.(kg)	133 No.	133 Wt.(kg)	139 No.	139 Wt.(kg)	Total No.	Total Wt.(kg)
IW	Lake whitefish	8	9.0	63	37.8	28	33.0	50	76.9	40	72.1	44	72.4	45	71.9	278	373.1
	Inconnu	-	-	-	-	1	6.1	1	2.1	-	-	-	-	-	-	2	8.2
	Walleye	-	-	-	-	-	-	-	-	-	-	-	-	1	2.8	1	2.8
	Northern pike	38	59.5	79	119.1	269	401.8	37	74.1	9	30.3	5	18.4	2	9.3	439	712.5
	Round whitefish	-	-	1	0.4	1	1.1	-	-	-	-	11	20.6	-	-	13	22.2
	Cisco (spp)	-	-	12	0.9	-	-	-	-	-	-	-	-	-	-	12	0.9
	Lake cisco	177	12.8	33	7.1	8	4.3	1	0.1	1	0.1	-	-	-	-	220	24.4
	Least cisco	16	1.1	-	-	-	-	-	-	-	-	-	-	-	-	16	1.1
	Arctic grayling	-	-	-	-	-	-	11	11.0	1	1.0	2	2.5	-	-	14	14.6
	Burbot	-	-	-	-	-	-	1	1.3	2	4.2	1	2.6	2	5.3	6	13.3
	Longnose sucker	1	1.5	6	10.1	48	80.0	76	128.1	84	153.1	105	211.8	96	191.4	416	776.1
	White sucker	-	-	-	-	1	2.3	4	6.4	5	8.0	1	1.7	6	13.2	17	31.6
IE	Lake whitefish	22	5.5	202	81.9	76	51.2	47	47.7	19	23.2	10	14.4	17	22.6	393	246.5
	Lake trout	1	3.2	1	0.2	-	-	-	-	-	-	-	-	-	-	2	3.4
	Inconnu	-	-	-	-	-	-	1	5.5	-	-	1	2.8	-	-	2	8.3
	Walleye	-	-	4	0.9	-	-	-	-	-	-	-	-	-	-	4	0.9
	Northern pike	3	3.9	8	12.5	17	29.1	8	15.6	2	3.8	2	4.1	2	5.3	42	74.5
	Round whitefish	3	0.3	2	0.5	-	-	-	-	-	-	-	-	-	-	5	0.8
	Cisco (spp)	33	31.8	33	2.3	-	-	-	-	-	-	-	-	-	-	66	34.0
	Lake cisco	278	21.2	128	44.0	140	91.3	19	7.3	-	-	1	0.5	-	-	566	164.3
	Least cisco	471	47.7	40	7.2	1	0.2	-	-	1	0.2	1	0.1	1	0.2	515	55.6
	Burbot	16	16.6	7	6.5	30	25.2	10	11.0	4	5.7	5	9.0	1	2.1	73	76.2
	Longnose sucker	18	4.7	31	34.7	53	55.4	42	59.7	29	52.6	23	48.7	27	60.5	223	316.2
	White sucker	-	-	-	-	-	-	-	-	-	-	2	3.4	1	2.0	3	5.4
II	Lake whitefish	480	46.0	230	85.6	158	108.4	37	34.5	60	60.7	31	37.6	22	25.0	1018	397.7
	Northern pike	8	13.4	22	31.9	35	50.8	2	4.4	-	-	-	-	-	-	67	100.5
	Round whitefish	11	0.7	10	3.5	-	-	-	-	-	-	-	-	-	-	21	4.2
	Lake cisco	146	8.2	49	19.4	33	19.1	-	-	1	0.9	-	-	1	0.1	230	47.8
	Least cisco	10	0.8	-	-	-	-	-	-	-	-	-	-	-	-	10	0.8

Table 1 Continued

Area	Species	Mesh Size (mm) 38 No.	38 Wt.(kg)	64 No.	64 Wt.(kg)	89 No.	89 Wt.(kg)	114 No.	114 Wt.(kg)	127 No.	127 Wt.(kg)	133 No.	133 Wt.(kg)	139 No.	139 Wt.(kg)	Total No.	Total Wt.(kg)
II	Arctic grayling	2	0.5	-	-	-	-	-	-	-	-	-	-	-	-	2	0.5
	Burbot	3	2.5	4	1.3	37	30.6	5	6.6	2	3.0	2	3.8	1	2.1	54	50.0
	Longnose sucker	9	4.8	34	21.4	56	50.0	20	25.4	2	2.1	1	1.1	-	-	122	105.0
III	Lake whitefish	-	-	16	8.1	42	37.0	29	29.2	15	16.3	9	11.1	2	2.5	113	104.3
	Inconnu	-	-	-	-	-	-	3	6.7	-	-	-	-	-	-	3	6.7
	Lake cisco	421	36.9	71	26.3	98	65.9	42	26.9	17	13.3	16	11.9	14	10.4	679	191.7
	Least cisco	501	50.3	85	16.4	8	0.9	4	0.6	3	0.4	-	-	4	0.5	605	69.0
	Burbot	11	8.2	63	27.5	65	50.1	24	32.0	15	27.5	3	7.0	4	10.4	185	162.7
	Longnose sucker	2	1.7	19	21.9	22	24.0	77	100.6	30	47.1	13	20.1	14	25.1	177	240.5
IV	Lake whitefish	342	35.2	479	157.4	271	166.4	103	90.0	29	27.2	36	35.3	30	30.2	1290	541.7
	Inconnu	-	-	-	-	11	7.7	-	-	-	-	-	-	-	-	11	7.7
	Walleye	2	0.2	2	0.3	-	-	-	-	-	-	-	-	-	-	4	0.6
	Northern pike	3	7.9	2	3.2	1	1.5	7	12.1	1	2.3	2	4.3	2	4.3	18	35.7
	Round whitefish	-	-	1	0.3	-	-	-	-	-	-	-	-	-	-	1	0.3
	Lake cisco	522	38.3	217	52.2	22	9.5	3	2.0	1	0.2	1	0.3	-	-	764	149.6
	Least cisco	132	12.6	60	15.6	1	0.7	1	0.1	-	-	2	1.2	2	0.1	198	30.4
	Burbot	16	20.4	11	7.0	40	30.2	28	39.6	10	17.0	7	13.3	6	8.5	118	136.0
	Longnose sucker	10	1.2	29	11.0	7	5.1	3	2.7	-	-	1	1.1	1	0.5	51	21.7
V	Lake whitefish	395	74.2	318	135.2	246	163.6	128	122.7	38	40.8	38	43.3	31	36.1	1194	615.9
	Lake trout	8	9.2	24	23.6	13	11.2	5	10.5	2	5.7	4	14.3	2	2.9	58	77.5
	Northern pike	1	2.2	3	3.1	10	7.5	2	3.8	1	2.1	-	-	-	-	17	18.8
	Round whitefish	3	0.9	27	13.1	27	19.0	-	-	-	-	1	0.8	-	-	58	33.7
	Lake cisco	522	38.3	217	52.2	22	9.5	3	2.0	1	0.2	1	0.3	-	-	766	102.5
	Arctic grayling	-	-	1	0.5	1	0.8	-	-	-	-	-	-	-	-	2	1.3
	Burbot	-	-	4	1.0	12	10.3	8	13.7	4	7.7	-	-	-	-	28	32.8
	Longnose sucker	-	-	1	0.3	4	3.2	-	-	1	1.0	-	-	-	-	6	4.5

Table 2. Catch and catch per unit effort (CPE), by mesh size and area, for lake whitefish caught by experimental gillnets, Great Slave Lake, 1980-81.

Area		Mesh Size (mm) 38	64	89	114	127	133	139	Total
IW	Number fish	8	63	28	50	40	44	45	278
	No. fish/net	1	4	2	3	3	3	3	17
	Total weight (kg)	9.0	37.8	33.0	76.9	72.1	72.4	71.9	373.1
	CPE-(no.)[1]	1.0	8.2	3.6	6.5	5.2	5.7	5.8	5.2
	-(kg)[2]	1.2	4.9	4.3	10.0	9.4	9.4	9.3	6.9
IE	Number fish	22	202	76	47	19	10	17	393
	No. fish/net	1	13	5	3	1	1	1	26
	Total weight (kg)	5.5	81.9	51.2	47.7	23.2	14.4	22.6	246.5
	CPE-(no.)[1]	2.7	24.7	9.3	5.7	2.3	1.2	2.1	6.9
	-(kg)[2]	0.7	10.0	6.2	5.8	2.8	1.8	2.8	4.3
II	Number fish	480	230	158	37	60	31	22	1018
	No. fish/net	48	23	16	4	6	3	2	102
	Total weight (kg)	46.0	85.6	108.4	34.5	60.7	37.6	25.0	397.7
	CPE-(no.)[1]	86.9	41.7	28.6	6.7	10.9	5.6	4.0	26.3
	-(kg)[2]	8.3	15.5	19.6	6.2	11.0	6.8	4.5	10.3
III[3]	Number fish	-	16	42	29	15	9	2	113
	No. fish/net	-	1	3	2	1	1	0	8
	Total weight (kg)	-	8.1	37.0	29.2	16.3	11.1	2.5	104.3
	CPE-(no.)[1]	-	1.8	4.7	3.3	1.7	1.0	0.2	1.7
	-(kg)[2]	-	0.9	4.2	3.3	1.8	1.3	0.3	1.7
IV	Number fish	342	479	271	103	29	36	30	1290
	No. fish/net	15	21	12	4	1	2	1	56
	Total weight (kg)	35.2	157.4	166.4	90.0	27.2	35.3	30.2	541.7
	CPE-(no.)[1]	28.7	40.3	22.8	8.7	2.4	3.0	2.5	15.5
	-(kg)[2]	3.0	13.2	14.0	7.6	2.3	3.0	2.5	6.5
V	Number fish	395	318	246	128	38	38	31	1194
	No. fish/net	20	16	12	6	2	2	2	60
	Total weight (kg)	74.2	135.2	163.6	122.7	40.8	43.3	36.1	615.9
	CPE-(no.)[1]	44.5	35.8	27.7	14.4	4.3	4.3	3.5	19.2
	-(kg)[2]	8.4	15.2	18.4	13.8	4.6	4.9	4.1	9.9
Total	Number fish	1247	1308	821	394	201	168	147	4286
	No. fish/net	13	13	8	4	2	2	1	43
	Total weight (kg)	169.9	505.9	559.6	401.0	240.3	214.1	188.3	2279.2
	CPE-(no.)[1]	24.4	25.6	16.1	7.7	3.9	3.3	2.9	12.0
	-(kg)[2]	3.3	9.9	11.0	7.9	4.7	4.2	3.7	6.4

[1] No. fish/91 m net/24 hr.
[2] Kg fish/91 m net/24 hr.
[3] Includes 15 sets only.

Table 3. Weight composition by market weight intervals for lake whitefish by mesh size from Area IW, Great Slave Lake, 1980.

Market Weight Intervals (g round)	Mesh Size (mm) 38		64		89		114		127		133		139		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
No market (0-533)	2	29	37	66	6	24	2	4	-	-	-	-	-	-	47	20
Small (534-799)	-	-	5	9	4	16	2	4	-	-	-	-	1	3	12	5
Medium (800-1598)	2	29	10	18	8	32	19	42	11	33	10	29	9	26	69	29
Large (1599-2130)	2	29	3	5	7	28	13	29	17	52	11	32	14	41	67	29
Jumbo (>2130)	1	14	1	2	-	-	9	20	5	15	13	38	10	29	39	17
Total	7	3	56	24	25	11	45	19	33	14	34	15	34	15	234	-

Table 4. Weight composition by market weight intervals for lake whitefish by mesh size from Area IE, Great Slave Lake, 1980.

Market Weight Intervals (g round)	Mesh Size (mm) 38		64		89		114		127		133		139		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
No market (0-533)	17	81	162	77	20	29	-	-	-	-	-	-	-	-	199	51
Small (534-799)	3	14	28	13	25	36	7	16	-	-	1	7	-	-	64	16
Medium (800-1598)	1	5	18	9	21	30	36	80	19	90	10	70	6	50	111	28
Large (1599-2130)	-	-	2	1	1	2	2	4	1	5	2	15	4	33	12	3
Jumbo (>2130)	-	-	-	-	2	3	-	-	1	5	1	7	2	17	6	2
Total	21	5	210	54	69	18	45	11	21	5	14	4	12	3	392	-

Table 5. Weight composition by market weight intervals for lake whitefish by mesh size from Area II, Great Slave Lake, 1980.

Market Weight Intervals (g round)	Mesh Size (mm) 38		64		89		114		127		133		139		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
No market (0-533)	459	98	176	78	46	29	1	3	-	-	-	-	1	5	683	70
Small (534-799)	3	<1	28	12	44	28	4	11	1	2	-	-	-	-	80	8
Medium (800-1598)	4	<1	23	10	66	42	31	86	47	92	23	88	16	84	210	21
Large (1599-2130)	-	-	-	-	-	-	-	-	3	6	3	12	2	11	8	<1
Jumbo (>2130)	1	<1	-	-	-	-	-	-	-	-	-	-	-	-	1	<1
Total	467	48	227	23	156	16	36	4	51	5	26	3	19	2	982	-

Table 6. Weight composition by market weight intervals for lake whitefish by mesh size from Area III, Great Slave Lake, 1980.

Market Weight Intervals (g round)	Mesh Size (mm) 38		64		89		114		127		133		139		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
No market (0-533)	5	100	32	68	17	24	1	2	-	-	-	-	-	-	55	26
Small (534-799)	-	-	8	17	24	33	7	16	-	-	-	-	2	33	41	20
Medium (800-1598)	-	-	7	15	31	43	33	77	24	96	11	92	4	67	110	53
Large (1599-2130)	-	-	-	-	-	-	2	5	1	4	1	8	-	-	4	2
Jumbo (>2130)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	5	2	47	23	72	35	43	21	25	12	12	6	6	3	208	-

Table 7. Weight composition by market weight intervals for lake whitefish by mesh size from Area IV, Great Slave Lake, 1981.

Market Weight Intervals (g round)	Mesh Size (mm) 38		64		89		114		127		133		139		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
No market (0-533)	304	97	415	87	131	49	3	3	-	-	1	3	2	7	856	68
Small (534-799)	2	<1	36	8	78	29	39	38	1	4	3	8	3	10	162	13
Medium (800-1598)	7	2	25	5	61	23	59	57	25	96	32	89	24	80	233	19
Large (1599-2130)	-	-	1	<1	-	-	2	2	-	-	-	-	1	3	4	<1
Jumbo (>2130)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	313	25	477	38	270	22	103	8	26	2	36	3	30	3	1255	-

Table 8. Weight composition by market weight intervals for lake whitefish by mesh size from Area V, Great Slave Lake, 1981.

Market Weight Intervals (g round)	Mesh Size (mm) 38		64		89		114		127		133		139		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
No market (0-533)	359	91	252	80	95	40	4	3	-	-	-	-	-	-	710	60
Small (534-799)	6	2	35	11	74	31	25	19	2	5	-	-	2	8	144	12
Medium (800-1598)	27	7	28	9	67	28	103	77	37	92	40	93	21	88	323	27
Large (1599-2130)	1	<1	-	-	3	1	2	1	1	3	3	7	1	4	11	1
Jumbo (>2130)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	393	33	315	27	239	20	134	11	40	3	43	4	24	2	1188	-

TABLE 9. Biological data by length interval for lake whitefish caught by experimental gillnets, Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
100	-	-	-	-	-	-	-	-	-	-	-	-	3	106	67	29	5.56	0
110	-	-	-	-	-	-	1	119	150	-	8.90	0	4	115	100	41	6.57	0
120	1	129	150	-	6.99	100	-	-	-	-	-	-	3	124	117	58	6.09	33
130	-	-	-	-	-	-	2	132	100	71	4.42	0	3	134	83	58	3.57	0
140	-	-	-	-	-	-	-	-	-	-	-	-	4	148	50	0	1.53	0
150	1	157	50	-	1.29	0	3	156	50	0	1.33	0	38	156	51	9	1.34	0
160	9	167	83	66	1.77	0	7	165	50	0	1.12	0	145	165	54	21	1.21	0
170	9	174	56	17	1.05	0	14	175	64	23	1.21	0	196	174	56	17	1.05	0
180	21	184	83	24	1.33	0	17	185	79	25	1.25	0	228	184	72	25	1.15	0
190	20	194	105	43	1.43	0	26	195	100	20	1.35	0	208	194	92	26	1.25	0
200	12	204	117	33	1.36	0	19	204	97	20	1.16	0	140	204	102	19	1.21	0
210	13	214	142	53	1.46	0	13	214	154	63	1.57	0	85	214	120	39	1.23	0
220	9	226	200	115	1.73	0	12	224	171	75	1.52	0	53	224	149	67	1.32	0
230	29	235	171	31	1.32	3	24	234	183	82	1.43	0	87	234	167	52	1.30	1
240	36	245	203	98	1.38	3	31	245	188	28	1.28	0	100	245	197	82	1.34	1
250	54	255	221	56	1.33	13	58	254	214	79	1.31	5	154	254	213	60	1.29	6
260	72	264	246	42	1.34	4	72	265	233	34	1.25	8	172	264	237	40	1.28	5
270	76	274	268	35	1.31	4	63	275	267	30	1.29	3	158	274	269	34	1.30	3
280	79	285	312	76	1.35	13	66	284	309	42	1.35	8	155	284	308	64	1.34	10
290	76	294	328	40	1.29	7	58	294	337	49	1.32	9	145	294	329	49	1.30	7
300	61	304	389	109	1.38	18	52	304	371	46	1.32	2	117	304	379	85	1.34	10
310	59	314	428	49	1.38	14	57	314	441	61	1.42	11	119	314	434	55	1.40	12
320	61	324	476	52	1.40	18	55	324	454	53	1.33	15	119	324	466	54	1.37	16
330	58	334	518	63	1.39	29	65	335	528	73	1.40	26	124	334	523	69	1.40	27
340	73	344	570	87	1.40	37	67	345	588	98	1.43	34	141	344	576	98	1.41	35
350	74	355	667	79	1.49	55	65	354	658	87	1.48	49	141	354	662	82	1.49	52
360	80	364	724	89	1.50	66	80	364	723	113	1.49	71	160	364	724	101	1.50	69
370	83	374	788	100	1.50	75	72	375	818	91	1.56	83	155	374	802	97	1.53	79
380	82	385	873	163	1.53	78	92	384	864	124	1.53	84	174	384	868	143	1.53	81
390	91	394	901	123	1.47	90	85	394	940	146	1.54	88	176	394	920	136	1.50	89
400	79	404	999	109	1.51	95	92	404	1017	140	1.54	95	171	404	1008	127	1.53	95
410	67	414	1053	151	1.48	91	55	414	1088	104	1.53	100	122	414	1069	133	1.50	95
420	51	424	1132	148	1.49	98	70	424	1146	142	1.51	97	121	424	1140	144	1.50	98
430	27	434	1213	112	1.48	96	34	434	1246	110	1.52	100	61	434	1231	111	1.50	98
440	30	444	1278	110	1.46	100	22	444	1316	142	1.50	100	52	444	1294	125	1.48	100
450	21	455	1420	164	1.51	95	22	454	1416	356	1.51	95	45	454	1423	270	1.52	93
460	13	463	1527	183	1.54	100	20	465	1508	102	1.50	100	33	464	1515	137	1.52	100
470	17	475	1668	166	1.55	100	17	474	1574	339	1.48	100	34	474	1621	267	1.52	100
480	7	483	1736	389	1.54	100	16	485	1753	316	1.54	100	23	484	1748	331	1.54	100
490	8	494	1931	275	1.61	100	6	492	1817	160	1.52	100	14	493	1882	233	1.57	100
500	6	506	1892	139	1.46	100	7	505	1979	320	1.54	100	13	505	1938	248	1.50	100
510	6	513	1992	153	1.48	100	13	515	2081	176	1.52	100	19	515	2053	170	1.51	100
520	9	525	2139	234	1.48	100	6	524	2450	126	1.71	100	15	525	2263	249	1.57	100
530	7	533	2236	275	1.47	100	6	533	2283	144	1.51	100	13	533	2258	217	1.49	100
540	3	544	2617	58	1.63	100	7	545	2686	383	1.65	100	10	545	2665	315	1.65	100
550	1	557	2750	-	1.59	100	1	550	1900	-	1.14	100	2	554	2325	601	1.37	100
560	1	563	2500	-	1.40	100	-	-	-	-	-	-	1	563	2500	-	1.40	100
570	1	573	2650	-	1.41	100	1	575	1700	-	0.89	100	2	574	2175	672	1.15	100
580	1	589	2350	-	1.15	100	1	586	1700	-	0.84	100	2	588	2025	460	1.00	100
590	-	-	-	-	-	-	1	595	1900	-	0.90	100	1	595	1900	-	0.90	100
TOTAL	1594						1573						4261					
MEAN		341	664	454	1.43			344	697	488	1.44			306	533	480	1.37	

Table 10. Biological data by length interval for lake whitefish caught by experimental gillnets (38mm mesh), Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
100	-	-	-	-	-	-	-	-	-	-	-	-	3	106	67	29	5.56	0
110	-	-	-	-	-	-	1	119	150	-	8.90	0	4	115	100	41	6.57	0
120	1	129	150	-	6.99	100	-	-	-	-	-	-	3	124	117	58	6.09	33
130	-	-	-	-	-	-	2	132	100	71	4.42	0	3	134	83	58	3.57	0
140	-	-	-	-	-	-	-	-	-	-	-	-	4	148	50	0	1.53	0
150	1	157	50	-	1.29	0	3	156	50	0	1.33	0	38	156	51	9	1.34	0
160	8	167	63	23	1.35	0	7	165	50	0	1.12	0	143	165	53	14	1.18	0
170	9	174	56	17	1.05	0	14	175	64	23	1.21	0	194	174	56	17	1.05	0
180	21	184	83	24	1.33	0	17	185	79	25	1.25	0	228	184	72	25	1.15	0
190	19	194	97	26	1.33	0	26	195	100	20	1.35	0	207	194	91	24	1.24	0
200	10	204	110	21	1.30	0	18	203	97	21	1.16	0	136	204	101	17	1.20	0
210	10	214	130	26	1.33	0	11	214	136	23	1.39	0	76	213	114	22	1.17	0
220	3	225	250	173	2.18	0	6	224	150	32	1.34	0	33	223	138	63	1.23	0
230	4	235	150	0	1.16	0	2	237	175	35	1.32	0	18	234	142	31	1.10	0
240	1	244	200	-	1.38	0	3	245	183	29	1.25	0	7	245	157	53	1.07	0
250	3	255	233	29	1.41	0	2	254	215	21	1.32	0	9	254	214	22	1.31	0
260	3	265	217	29	1.17	0	-	-	-	-	-	-	4	265	175	87	0.94	0
270	2	274	275	35	1.34	0	1	279	300	-	1.38	0	3	276	283	29	1.35	0
280	3	286	283	29	1.21	33	2	281	325	35	1.46	0	6	284	258	107	1.13	17
290	3	295	317	29	1.23	0	3	295	317	29	1.23	33	7	295	286	85	1.11	14
300	2	303	350	0	1.26	0	1	304	350	-	1.25	0	4	302	338	25	1.22	0
310	3	314	417	29	1.34	0	1	313	350	-	1.14	0	5	314	400	35	1.29	0
320	2	325	450	0	1.31	0	2	323	425	35	1.26	0	4	324	438	25	1.29	0
330	3	334	517	29	1.38	0	3	334	483	29	1.30	33	6	334	500	32	1.34	17
340	1	344	500	-	1.23	0	2	341	550	0	1.39	50	3	342	533	29	1.34	33
350	3	353	633	58	1.45	33	3	356	683	104	1.51	67	6	354	658	80	1.48	50
360	1	368	600	-	1.20	100	3	368	767	126	1.53	100	4	368	725	132	1.45	100
370	1	375	850	-	1.61	100	1	370	650	-	1.28	100	2	373	750	141	1.45	100
380	1	386	850	-	1.48	100	3	381	767	126	1.39	67	4	382	788	111	1.41	75
390	3	392	933	115	1.55	100	5	393	940	119	1.55	100	8	393	938	109	1.55	100
400	3	404	933	58	1.42	100	4	403	1025	96	1.56	100	7	404	986	90	1.50	100
410	3	416	1008	146	1.40	100	2	419	1125	106	1.54	100	5	417	1055	133	1.45	100
420	1	427	1150	-	1.48	100	3	423	1100	0	1.45	100	4	424	1113	25	1.46	100
430	-	-	-	-	-	-	2	435	1200	71	1.46	100	2	435	1200	71	1.46	100
440	3	442	1233	29	1.43	100	2	447	1525	35	1.71	100	5	444	1350	162	1.54	100
450	1	455	1550	-	1.65	100	1	455	500	-	0.53	100	2	455	1025	742	1.09	100
460	1	465	1500	-	1.49	100	1	465	1300	-	1.29	100	2	465	1400	141	1.39	100
470	1	475	1400	-	1.31	100	2	472	1575	35	1.50	100	3	473	1517	104	1.43	100
500	1	508	1650	-	1.26	100	-	-	-	-	-	-	1	508	1650	-	1.26	100
520	1	525	2600	-	1.80	100	-	-	-	-	-	-	1	525	2600	-	1.80	100
540	-	-	-	-	-	-	1	543	2300	-	1.44	100	1	543	2300	-	1.44	100
590	-	-	-	-	-	-	1	595	1900	-	0.90	100	1	595	1900	-	0.90	100
TOTAL	136						161						1206					
MEAN		251	322	418	1.38			252	332	431	1.40			202	138	238	1.23	

Table 11. Biological data by length interval for lake whitefish caught by experimental gillnets (64mm mesh), Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
160	1	169	250	-	5.18	0	-	-	-	-	-	-	2	169	150	141	3.12	0
170	-	-	-	-	-	-	-	-	-	-	-	-	1	173	50	-	0.97	0
190	1	196	250	-	3.32	0	-	-	-	-	-	-	1	196	250	-	3.32	0
200	2	208	150	71	1.68	0	1	207	100	-	1.13	0	4	208	138	48	1.53	0
210	3	214	183	104	1.87	0	2	216	250	141	2.55	0	9	216	172	91	1.73	0
220	6	226	175	82	1.51	0	6	225	192	102	1.69	0	19	225	170	72	1.49	0
230	25	234	174	33	1.35	4	21	234	167	24	1.29	0	68	234	168	30	1.30	1
240	35	245	203	99	1.38	3	28	245	189	28	1.29	0	92	245	200	83	1.36	1
250	49	255	213	33	1.28	12	55	254	209	71	1.27	5	142	254	208	50	1.26	6
260	64	264	244	41	1.33	5	71	265	232	34	1.25	8	161	264	237	36	1.28	6
270	68	274	266	35	1.30	4	55	274	265	30	1.28	4	138	274	266	33	1.29	4
280	59	285	312	86	1.35	10	53	284	303	37	1.32	8	121	284	307	65	1.33	8
290	52	293	324	38	1.28	8	42	294	343	51	1.35	7	103	294	330	46	1.30	7
300	29	304	353	60	1.26	14	32	304	361	47	1.29	0	64	304	357	53	1.27	6
310	26	314	428	52	1.38	15	33	314	427	59	1.38	9	60	314	428	55	1.38	12
320	23	323	480	60	1.42	13	26	324	467	57	1.37	15	51	324	473	59	1.39	14
330	16	334	513	59	1.37	38	29	335	519	51	1.38	21	46	335	515	54	1.37	26
340	24	344	548	102	1.35	29	16	345	577	107	1.40	25	41	344	551	116	1.35	27
350	16	354	626	62	1.42	38	20	354	645	78	1.45	50	37	354	637	70	1.44	43
360	18	364	672	79	1.39	78	16	364	683	145	1.41	56	34	364	677	113	1.40	68
370	13	374	715	97	1.37	69	19	374	806	75	1.54	89	32	374	769	94	1.47	81
380	11	386	815	94	1.42	82	13	384	769	144	1.36	69	24	385	790	123	1.39	75
390	8	394	875	96	1.43	75	13	393	846	170	1.39	77	21	393	857	144	1.41	76
400	13	404	938	96	1.42	100	5	403	820	275	1.25	80	18	404	906	165	1.37	94
410	4	415	1088	197	1.52	75	6	416	1167	117	1.62	100	10	416	1135	149	1.58	90
420	5	423	1050	106	1.38	100	5	423	1070	396	1.41	80	10	423	1060	274	1.39	90
430	2	435	1325	106	1.61	100	7	435	1264	99	1.53	100	9	435	1278	97	1.55	100
450	2	457	1375	106	1.44	100	1	450	1100	-	1.21	100	3	455	1283	176	1.36	100
460	2	463	1450	212	1.46	100	3	467	1533	58	1.51	100	5	465	1500	122	1.49	100
470	1	471	1450	-	1.39	100	2	474	1900	0	1.78	100	3	473	1750	260	1.65	100
500	1	503	2000	-	1.57	100	-	-	-	-	-	-	1	503	2000	-	1.57	100
520	1	524	1950	-	1.36	100	-	-	-	-	-	-	1	524	1950	-	1.36	100
540	-	-	-	-	-	-	1	545	2600	-	1.61	100	1	545	2600	-	1.61	100
TOTAL	580						581						1332					
MEAN		298	396	259	1.36			303	419	288	1.35			295	384	265	1.34	

Table 12. Biological data by length interval for lake whitefish caught by experimental gillnets (89mm mesh), Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
170	-	-	-	-	-	-	-	-	-	-	-	-	1	172	50	-	0.98	0
220	-	-	-	-	-	-	-	-	-	-	-	-	1	228	100	-	0.84	0
230	-	-	-	-	-	-	1	230	550	-	4.52	0	1	230	550	-	4.52	0
250	2	258	400	212	2.32	50	1	254	500	-	3.05	0	3	257	433	161	2.56	33
260	5	265	290	42	1.56	0	1	267	250	-	1.31	0	7	265	279	39	1.49	0
270	6	276	292	38	1.40	0	7	277	279	27	1.32	0	17	276	288	38	1.38	0
280	17	284	318	30	1.39	18	11	285	332	56	1.43	9	28	284	323	42	1.41	14
290	19	294	342	48	1.34	5	13	294	322	43	1.27	8	33	294	336	47	1.32	6
300	24	305	394	43	1.39	13	19	305	389	39	1.37	5	43	305	392	41	1.38	9
310	29	314	428	49	1.38	14	23	314	465	55	1.50	13	52	314	444	55	1.43	13
320	35	324	476	49	1.39	23	27	325	444	47	1.29	15	62	325	462	50	1.35	19
330	36	334	515	61	1.38	28	29	335	521	65	1.39	28	65	334	518	62	1.39	28
340	42	344	574	77	1.41	40	43	345	578	78	1.41	33	85	345	576	77	1.41	36
350	41	355	669	84	1.49	61	29	354	650	88	1.47	52	71	354	660	85	1.48	57
360	31	363	708	80	1.47	52	35	364	709	111	1.47	71	66	364	708	97	1.47	62
370	33	374	783	78	1.49	58	25	374	804	84	1.54	72	58	374	792	80	1.51	64
380	30	384	897	247	1.58	70	35	384	859	118	1.52	77	65	384	876	188	1.55	74
390	27	394	880	173	1.44	85	28	394	929	148	1.52	86	55	394	905	161	1.48	85
400	14	405	1004	141	1.51	93	24	404	990	122	1.50	92	38	404	995	127	1.51	92
410	15	414	1017	119	1.43	73	9	414	1028	115	1.45	100	24	414	1021	115	1.44	83
420	13	423	1062	152	1.40	100	13	424	1162	79	1.52	100	26	423	1112	129	1.46	100
430	3	432	1233	104	1.53	100	3	433	1283	176	1.58	100	6	433	1258	132	1.56	100
440	5	440	1210	82	1.42	100	2	444	1400	71	1.60	100	7	441	1264	118	1.47	100
450	-	-	-	-	-	-	3	451	1127	711	1.22	67	3	451	1127	711	1.22	67
460	2	461	1525	35	1.56	100	2	463	1475	106	1.49	100	4	462	1500	71	1.52	100
470	2	478	1750	71	1.60	100	-	-	-	-	-	-	2	478	1750	71	1.60	100
480	2	481	1850	212	1.67	100	1	485	1600	-	1.40	100	3	482	1767	208	1.58	100
490	1	494	1950	-	1.62	100	-	-	-	-	-	-	1	494	1950	-	1.62	100
500	2	505	1875	106	1.46	100	-	-	-	-	-	-	2	505	1875	106	1.46	100
520	-	-	-	-	-	-	2	526	2500	0	1.72	100	2	526	2500	0	1.72	100
TOTAL	436						386						831					
MEAN		353	669	299	1.44			357	696	301	1.46			354	677	301	1.45	

Table 13. Biological data by length interval for lake whitefish caught by experimental gillnets (114mm mesh), Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
240	-	-	-	-	-	-	-	-	-	-	-	-	1	241	200	-	1.43	0
290	2	292	300	0	1.21	0	-	-	-	-	-	-	2	292	300	0	1.21	0
300	2	304	450	71	1.60	50	-	-	-	-	-	-	2	304	450	71	1.60	50
310	-	-	-	-	-	-	-	-	-	-	-	-	1	312	450	-	1.48	0
320	1	325	450	-	1.31	0	-	-	-	-	-	-	2	326	475	35	1.37	0
330	3	335	583	126	1.55	33	3	337	667	161	1.73	67	6	336	625	137	1.64	50
340	5	344	660	42	1.62	60	3	345	767	208	1.87	67	8	344	700	128	1.72	63
350	12	356	713	61	1.58	67	11	354	673	75	1.51	36	23	355	693	70	1.55	52
360	22	365	775	88	1.60	68	19	364	755	76	1.56	89	41	365	766	82	1.58	78
370	27	374	802	116	1.53	96	20	375	840	108	1.59	95	47	375	818	113	1.56	96
380	23	385	848	80	1.49	83	18	384	861	101	1.52	94	41	384	854	89	1.50	88
390	30	395	880	85	1.43	93	21	394	955	137	1.56	100	51	394	911	114	1.48	96
400	16	404	975	95	1.48	100	19	405	982	129	1.48	100	35	404	979	113	1.48	100
410	22	414	1041	112	1.47	100	16	416	1069	96	1.49	100	38	415	1053	105	1.48	100
420	10	424	1090	141	1.43	100	16	424	1100	133	1.44	94	26	424	1096	133	1.44	96
430	3	435	1083	29	1.32	67	5	433	1220	76	1.50	100	8	434	1169	92	1.43	88
440	13	444	1277	125	1.46	100	10	444	1275	157	1.46	100	23	444	1276	136	1.46	100
450	8	455	1388	179	1.47	88	3	455	1483	161	1.58	100	11	455	1414	172	1.50	91
460	2	463	1500	424	1.51	100	6	466	1567	82	1.55	100	8	465	1550	177	1.54	100
470	5	475	1590	129	1.48	100	5	474	1440	472	1.35	100	10	475	1515	336	1.42	100
480	2	482	1750	424	1.57	100	3	486	1883	176	1.64	100	5	484	1830	256	1.61	100
490	1	490	2250	-	1.91	100	1	491	1700	-	1.44	100	2	491	1975	389	1.67	100
510	3	512	1950	132	1.45	100	3	515	1917	257	1.41	100	6	513	1933	183	1.43	100
520	2	527	2325	35	1.59	100	-	-	-	-	-	-	2	527	2325	35	1.59	100
530	5	533	2330	264	1.54	100	1	533	2250	-	1.49	100	6	533	2317	238	1.53	100
570	-	-	-	-	-	-	1	575	1700	-	0.89	100	1	575	1700	-	0.89	100
TOTAL	219						184						406					
MEAN		401	1002	384	1.50			404	1026	322	1.52			402	1008	360	1.51	

Table 14. Biological data by length interval for lake whitefish caught by experimental gillnets (127mm mesh), Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
360	5	363	810	22	1.70	80	3	364	767	115	1.58	33	8	363	794	68	1.65	63
370	7	376	857	61	1.62	86	4	377	838	95	1.57	50	11	376	850	71	1.60	73
380	5	386	900	35	1.57	100	6	385	877	88	1.54	100	11	385	887	67	1.55	100
390	15	395	963	83	1.56	93	11	394	988	120	1.62	73	26	395	974	99	1.59	85
400	17	403	1032	93	1.58	88	18	405	1061	109	1.59	100	35	404	1047	101	1.58	94
410	11	414	1068	101	1.51	91	10	412	1076	103	1.54	100	21	413	1072	99	1.52	95
420	8	425	1206	124	1.57	88	13	423	1150	96	1.52	100	21	424	1171	108	1.54	95
430	7	434	1230	100	1.51	100	6	435	1225	129	1.49	100	13	434	1228	109	1.50	100
440	4	446	1350	122	1.52	100	3	445	1333	115	1.51	100	7	446	1343	110	1.52	100
450	4	454	1475	222	1.57	100	4	453	1575	104	1.70	100	8	454	1525	169	1.63	100
460	-	-	-	-	-	-	5	466	1530	104	1.51	100	5	466	1530	104	1.51	100
470	6	475	1758	166	1.64	100	3	474	1433	465	1.35	100	9	475	1650	312	1.54	100
480	-	-	-	-	-	-	3	485	1800	346	1.58	100	3	485	1800	346	1.58	100
490	2	494	1775	460	1.47	100	4	493	1875	171	1.57	100	6	493	1842	250	1.53	100
500	-	-	-	-	-	-	2	505	2000	71	1.55	100	2	505	2000	71	1.55	100
510	2	514	1925	35	1.42	100	2	516	2050	212	1.49	100	4	515	1988	144	1.46	100
520	1	528	2050	-	1.39	100	1	521	2350	-	1.66	100	2	525	2200	212	1.53	100
530	-	-	-	-	-	-	2	537	2300	141	1.49	100	2	537	2300	141	1.49	100
540	-	-	-	-	-	-	2	547	2700	636	1.65	100	2	547	2700	636	1.65	100
TOTAL	94						102						196					
MEAN		416	1147	312	1.56			430	1270	440	1.56			423	1211	388	1.56	

Table 15. Biological data by length interval for lake whitefish caught by experimental gillnets (133mm mesh), Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
300	1	305	500	-	1.76	100	-	-	-	-	-	-	1	305	500	-	1.76	100
340	-	-	-	-	-	-	1	344	600	-	1.47	100	1	344	600	-	1.47	100
350	-	-	-	-	-	-	1	352	630	-	1.44	0	1	352	630	-	1.44	0
360	1	364	750	-	1.56	100	1	367	650	-	1.31	0	2	366	700	71	1.44	50
370	1	379	890	-	1.63	0	2	378	900	0	1.67	100	3	378	897	6	1.66	67
380	7	385	893	89	1.56	86	14	384	968	95	1.71	100	21	384	943	98	1.66	95
390	6	396	958	116	1.54	100	5	394	1060	96	1.73	100	11	395	1005	115	1.63	100
400	12	405	1063	88	1.60	100	12	404	1063	111	1.61	92	24	404	1063	98	1.61	96
410	5	412	1080	91	1.55	100	9	413	1117	75	1.59	100	14	413	1104	80	1.57	100
420	4	425	1200	82	1.57	100	13	424	1192	112	1.56	100	17	424	1194	103	1.56	100
430	8	435	1181	80	1.43	100	6	434	1267	137	1.55	100	14	435	1218	112	1.48	100
440	2	442	1325	35	1.53	100	3	442	1267	58	1.46	100	5	442	1290	55	1.49	100
450	4	454	1444	178	1.54	100	7	456	1546	119	1.63	100	13	456	1512	132	1.60	92
460	3	463	1700	100	1.72	100	3	463	1417	58	1.43	100	6	463	1558	172	1.57	100
470	1	475	1800	-	1.68	100	3	474	1650	229	1.55	100	4	474	1688	202	1.58	100
480	3	485	1650	563	1.44	100	5	485	1601	380	1.40	100	8	485	1619	417	1.42	100
490	1	497	1600	-	1.30	100	1	492	1700	-	1.43	100	2	495	1650	71	1.37	100
500	-	-	-	-	-	-	1	506	1350	-	1.04	100	1	506	1350	-	1.04	100
510	-	-	-	-	-	-	4	516	2200	0	1.60	100	4	516	2200	0	1.60	100
520	1	522	1900	-	1.34	100	2	524	2425	247	1.68	100	3	523	2250	350	1.57	100
530	1	532	1900	-	1.26	100	1	534	2050	-	1.35	100	2	533	1975	106	1.30	100
540	2	546	2650	0	1.63	100	3	545	2833	355	1.75	100	5	545	2760	270	1.70	100
550	1	557	2750	-	1.59	100	-	-	-	-	-	-	1	557	2750	-	1.59	100
570	1	573	2650	-	1.41	100	-	-	-	-	-	-	1	573	2650	-	1.41	100
580	1	589	2350	-	1.15	100	-	-	-	-	-	-	1	589	2350	-	1.15	100
TOTAL	66						97						165					
MEAN		433	1292	492	1.54			432	1315	469	1.59			433	1308	475	1.57	

Table 16. Biological data by length interval for lake whitefish caught by experimental gillnets (139mm mesh), Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
300	3	307	633	404	2.20	67	-	-	-	-	-	-	3	307	633	404	2.20	67
310	1	310	450	-	1.51	0	-	-	-	-	-	-	1	310	450	-	1.51	0
330	-	-	-	-	-	-	1	337	700	-	1.83	0	1	337	700	-	1.83	0
340	1	340	550	-	1.40	0	2	346	650	71	1.57	50	3	344	617	76	1.51	33
350	2	353	725	35	1.65	50	1	355	900	-	2.01	100	3	354	783	104	1.77	67
360	2	364	725	35	1.51	100	3	365	833	29	1.71	67	5	365	790	65	1.63	80
370	1	377	900	-	1.68	100	1	378	900	-	1.67	100	2	378	900	0	1.67	100
380	5	386	930	45	1.61	60	3	383	933	76	1.66	67	8	385	931	53	1.63	63
390	2	397	900	0	1.44	100	2	392	988	159	1.65	100	4	394	944	105	1.54	100
400	4	405	988	138	1.49	75	10	405	1110	105	1.67	90	14	405	1075	124	1.62	86
410	7	414	1121	336	1.58	100	3	414	1150	87	1.62	100	10	414	1130	278	1.59	100
420	10	424	1220	151	1.60	100	7	423	1203	85	1.59	100	17	424	1213	125	1.60	100
430	4	434	1275	166	1.57	100	5	434	1240	119	1.52	100	9	434	1256	133	1.54	100
440	3	445	1317	126	1.49	100	2	447	1275	177	1.43	100	5	446	1300	127	1.46	100
450	2	455	1375	106	1.47	100	3	453	1533	76	1.65	100	5	454	1470	115	1.58	100
460	3	463	1433	115	1.45	100	-	-	-	-	-	-	3	463	1433	115	1.45	100
470	1	475	1700	-	1.59	100	2	473	1675	106	1.59	100	3	473	1683	76	1.59	100
480	-	-	-	-	-	-	4	484	1850	358	1.63	100	4	484	1850	358	1.63	100
490	3	493	2033	115	1.70	100	-	-	-	-	-	-	3	493	2033	115	1.70	100
500	2	507	1975	35	1.52	100	4	505	2125	206	1.65	100	6	505	2075	178	1.61	100
510	1	513	2250	-	1.67	100	4	515	2100	135	1.53	100	5	515	2130	135	1.56	100
520	3	524	2033	104	1.41	100	1	521	2500	-	1.77	100	4	524	2150	248	1.50	100
530	1	535	2100	-	1.37	100	2	530	2400	0	1.61	100	3	532	2300	173	1.53	100
540	1	540	2550	-	1.62	100	-	-	-	-	-	-	1	540	2550	-	1.62	100
550	-	-	-	-	-	-	1	550	1900	-	1.14	100	1	550	1900	-	1.14	100
560	1	563	2500	-	1.40	100	-	-	-	-	-	-	1	563	2500	-	1.40	100
580	-	-	-	-	-	-	1	586	1700	-	0.84	100	1	586	1700	-	0.84	100
TOTAL	63						62						125					
MEAN		427	1278	510	1.58			438	1386	496	1.61			433	1332	504	1.59	

Table 17. Biological data by length interval for lake whitefish caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
170	-	-	-	-	-	-	-	-	-	-	-	-	1	178	100	-	1.77	0
190	-	-	-	-	-	-	-	-	-	-	-	-	1	199	100	-	1.27	0
210	1	213	300	-	3.10	0	1	212	350	-	3.67	0	2	213	325	35	3.39	0
220	-	-	-	-	-	-	-	-	-	-	-	-	1	226	150	-	1.30	0
230	-	-	-	-	-	-	2	238	200	0	1.48	0	2	238	200	0	1.48	0
240	1	246	150	-	1.01	0	-	-	-	-	-	-	5	243	190	22	1.33	0
250	-	-	-	-	-	-	1	250	200	-	1.28	0	3	253	200	0	1.24	0
260	-	-	-	-	-	-	2	268	250	0	1.29	0	4	267	250	0	1.32	0
270	2	275	250	0	1.20	0	-	-	-	-	-	-	5	274	270	27	1.31	0
280	3	286	300	0	1.29	0	1	287	300	-	1.27	0	5	286	300	0	1.28	0
290	1	293	350	-	1.39	0	2	293	300	0	1.20	0	3	293	317	29	1.26	0
300	2	303	450	71	1.62	50	2	302	375	35	1.37	0	4	302	413	63	1.49	25
310	1	312	400	-	1.32	100	1	312	400	-	1.32	0	3	312	417	29	1.37	33
320	3	326	450	50	1.30	0	1	322	400	-	1.20	0	4	325	438	48	1.28	0
330	2	331	500	0	1.38	0	-	-	-	-	-	-	3	331	483	29	1.34	0
340	4	343	563	25	1.40	50	1	344	500	-	1.23	0	5	343	550	35	1.37	40
350	1	357	650	-	1.43	0	1	355	650	-	1.45	100	2	356	650	0	1.44	50
360	1	364	650	-	1.35	0	2	365	650	71	1.34	0	3	364	650	50	1.34	0
370	1	378	750	-	1.39	0	2	376	775	35	1.46	50	3	377	767	29	1.44	33
380	2	387	850	71	1.47	0	2	384	800	71	1.42	50	4	385	825	65	1.44	25
390	4	395	938	48	1.52	75	2	393	950	71	1.56	100	6	395	942	49	1.53	83
400	2	405	950	71	1.43	100	2	404	925	106	1.41	50	4	404	938	75	1.42	75
410	4	414	1250	402	1.75	75	1	416	1050	-	1.46	100	5	415	1210	360	1.69	80
420	6	422	1175	82	1.57	100	6	426	1208	116	1.57	100	12	424	1192	97	1.57	100
430	2	430	1200	0	1.51	100	4	432	1288	63	1.59	100	6	432	1258	66	1.57	100
440	4	444	1400	168	1.59	100	4	446	1325	119	1.49	100	8	445	1363	141	1.54	100
450	8	455	1469	146	1.56	100	7	454	1593	113	1.70	100	16	455	1528	138	1.63	100
460	6	463	1575	117	1.59	100	4	466	1525	171	1.50	100	10	464	1555	134	1.56	100
470	9	474	1700	154	1.59	100	4	474	1700	129	1.60	100	13	474	1700	141	1.59	100
480	5	483	1730	427	1.53	100	8	486	1931	249	1.68	100	13	485	1854	328	1.63	100
490	5	494	1870	337	1.55	100	4	493	1875	171	1.57	100	9	493	1872	260	1.56	100
500	6	506	1892	139	1.46	100	6	506	1958	346	1.51	100	12	506	1925	254	1.49	100
510	6	513	1992	153	1.48	100	13	515	2081	176	1.52	100	19	515	2053	170	1.51	100
520	8	525	2081	169	1.44	100	4	523	2425	155	1.70	100	12	524	2196	231	1.52	100
530	7	533	2236	275	1.47	100	4	535	2225	144	1.45	100	11	534	2232	227	1.47	100
540	3	544	2617	58	1.63	100	5	544	2500	262	1.55	100	8	544	2544	209	1.58	100
550	1	557	2750	-	1.59	100	1	550	1900	-	1.14	100	2	554	2325	601	1.37	100
560	1	563	2500	-	1.40	100	-	-	-	-	-	-	1	563	2500	-	1.40	100
570	1	573	2650	-	1.41	100	-	-	-	-	-	-	1	573	2650	-	1.41	100
580	1	589	2350	-	1.15	100	1	586	1700	-	0.84	100	2	588	2025	460	1.00	100
590	-	-	-	-	-	-	1	595	1900	-	0.90	100	1	595	1900	-	0.90	100
TOTAL	114						102						234					
MEAN		445	1454	675	1.51			449	1514	684	1.53			433	1392	728	1.51	

Table 18. Biological data by length interval for lake whitefish caught by experimental gillnets (38mm mesh) in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
170	-	-	-	-	-	-	-	-	-	-	-	-	1	178	100	-	1.77	0
190	-	-	-	-	-	-	-	-	-	-	-	-	1	199	100	-	1.27	0
460	-	-	-	-	-	-	1	465	1300	-	1.29	100	1	465	1300	-	1.29	100
470	-	-	-	-	-	-	1	473	1550	-	1.46	100	1	473	1550	-	1.46	100
500	1	508	1650	-	1.26	100	-	-	-	-	-	-	1	508	1650	-	1.26	100
540	-	-	-	-	-	-	1	543	2300	-	1.44	100	1	543	2300	-	1.44	100
590	-	-	-	-	-	-	1	595	1900	-	0.90	100	1	595	1900	-	0.90	100
TOTAL	1						4						7					
MEAN		508	1650	-	1.26			519	1763	435	1.27			423	1271	858	1.34	

Table 19. Biological data by length interval for lake whitefish caught by experimental gillnets (64mm mesh) in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
210	1	213	300	-	3.10	0	1	212	350	-	3.67	0	2	213	325	35	3.39	0
220	-	-	-	-	-	-	-	-	-	-	-	-	1	226	150	-	1.30	0
230	-	-	-	-	-	-	2	238	200	0	1.48	0	2	238	200	0	1.48	0
240	1	246	150	-	1.01	0	-	-	-	-	-	-	5	243	190	22	1.33	0
250	-	-	-	-	-	-	1	250	200	-	1.28	0	3	253	200	0	1.24	0
260	-	-	-	-	-	-	2	269	250	0	1.29	0	4	267	250	0	1.32	0
270	1	275	250	-	1.20	0	-	-	-	-	-	-	4	274	275	29	1.34	0
280	3	286	300	0	1.29	0	1	287	300	-	1.27	0	5	286	300	0	1.28	0
290	-	-	-	-	-	-	1	294	300	-	1.18	0	1	294	300	-	1.18	0
300	1	303	400	-	1.44	0	2	302	375	35	1.37	0	3	302	383	29	1.39	0
310	1	312	400	-	1.32	100	1	312	400	-	1.32	0	2	312	400	0	1.32	50
320	1	322	400	-	1.20	0	1	322	400	-	1.20	0	2	322	400	0	1.20	0
330	2	331	500	0	1.38	0	-	-	-	-	-	-	3	331	483	29	1.34	0
340	1	346	600	-	1.45	100	-	-	-	-	-	-	1	346	600	-	1.45	100
350	1	357	650	-	1.43	0	1	355	650	-	1.45	100	2	356	650	0	1.44	50
360	-	-	-	-	-	-	2	365	650	71	1.34	0	2	365	650	71	1.34	0
380	1	388	900	-	1.54	0	1	382	850	-	1.52	0	2	385	875	35	1.53	0
390	-	-	-	-	-	-	1	391	900	-	1.51	100	1	391	900	-	1.51	100
400	2	405	950	71	1.43	100	-	-	-	-	-	-	2	405	950	71	1.43	100
420	1	421	1100	-	1.47	100	3	424	1183	126	1.56	100	4	423	1163	111	1.54	100
460	1	466	1600	-	1.58	100	-	-	-	-	-	-	1	466	1600	-	1.58	100
470	1	471	1450	-	1.39	100	-	-	-	-	-	-	1	471	1450	-	1.39	100
500	1	503	2000	-	1.57	100	-	-	-	-	-	-	1	503	2000	-	1.57	100
520	1	524	1950	-	1.36	100	-	-	-	-	-	-	1	524	1950	-	1.36	100
540	-	-	-	-	-	-	1	545	2600	-	1.61	100	1	545	2600	-	1.61	100
TOTAL	21						21						56					
MEAN		356	760	565	1.45			332	640	563	1.51			323	587	524	1.44	

Table 20. Biological data by length interval for lake whitefish caught by experimental gillnets (89mm mesh) in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
270	1	275	250	-	1.20	0	-	-	-	-	-	-	1	275	250	-	1.20	0
290	1	293	350	-	1.39	0	1	291	300	-	1.22	0	2	292	325	35	1.30	0
320	2	328	475	35	1.35	0	-	-	-	-	-	-	2	328	475	35	1.35	0
340	2	342	550	0	1.38	50	1	344	500	-	1.23	0	3	343	533	29	1.33	33
360	1	364	650	-	1.35	0	-	-	-	-	-	-	1	364	650	-	1.35	0
370	1	378	750	-	1.39	0	1	375	800	-	1.52	0	2	377	775	35	1.45	0
390	1	395	900	-	1.46	100	-	-	-	-	-	-	1	395	900	-	1.46	100
410	2	415	1050	71	1.47	50	-	-	-	-	-	-	2	415	1050	71	1.47	50
420	1	425	1250	-	1.63	100	-	-	-	-	-	-	1	425	1250	-	1.63	100
440	1	440	1150	-	1.35	100	-	-	-	-	-	-	1	440	1150	-	1.35	100
450	-	-	-	-	-	-	1	453	1700	-	1.83	100	1	453	1700	-	1.83	100
460	2	461	1525	35	1.56	100	-	-	-	-	-	-	2	461	1525	35	1.56	100
470	1	477	1700	-	1.57	100	-	-	-	-	-	-	1	477	1700	-	1.57	100
480	2	481	1850	212	1.67	100	-	-	-	-	-	-	2	481	1850	212	1.67	100
490	1	494	1950	-	1.62	100	-	-	-	-	-	-	1	494	1950	-	1.62	100
500	2	505	1875	106	1.46	100	-	-	-	-	-	-	2	505	1875	106	1.46	100
TOTAL	21						4						25					
MEAN		410	1124	587	1.46			366	825	618	1.45			403	1076	589	1.46	

Table 21. Biological data by length interval for lake whitefish caught by experimental gillnets (114mm mesh) in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
300	1	303	500	-	1.80	100	-	-	-	-	-	-	1	303	500	-	1.80	100
310	-	-	-	-	-	-	-	-	-	-	-	-	1	312	450	-	1.48	0
370	-	-	-	-	-	-	1	377	750	-	1.40	100	1	377	750	-	1.40	100
380	1	386	800	-	1.39	0	1	385	750	-	1.31	100	2	386	775	35	1.35	50
390	2	395	950	71	1.55	100	1	395	1000	-	1.62	100	3	395	967	58	1.57	100
410	1	410	1050	-	1.52	100	1	416	1050	-	1.46	100	2	413	1050	0	1.49	100
420	1	420	1050	-	1.42	100	1	428	1100	-	1.40	100	2	424	1075	35	1.41	100
430	-	-	-	-	-	-	2	432	1250	71	1.56	100	2	432	1250	71	1.56	100
440	1	442	1500	-	1.74	100	3	446	1367	104	1.54	100	4	445	1400	108	1.59	100
450	4	457	1488	217	1.56	100	2	454	1575	35	1.68	100	6	456	1517	175	1.60	100
460	1	463	1800	-	1.81	100	2	467	1650	71	1.62	100	3	466	1700	100	1.69	100
470	1	476	1550	-	1.44	100	-	-	-	-	-	-	1	476	1550	-	1.44	100
480	-	-	-	-	-	-	1	485	1900	-	1.67	100	1	485	1900	-	1.67	100
490	1	490	2250	-	1.91	100	1	491	1700	-	1.44	100	2	491	1975	389	1.67	100
510	3	512	1950	132	1.45	100	3	515	1917	257	1.41	100	6	513	1933	183	1.43	100
520	2	527	2325	35	1.59	100	-	-	-	-	-	-	2	527	2325	35	1.59	100
530	5	533	2330	264	1.54	100	1	533	2250	-	1.49	100	6	533	2317	238	1.53	100
TOTAL	24						20						45					
MEAN		469	1688	597	1.57			455	1465	423	1.52			459	1561	552	1.54	

Table 22. Biological data by length interval for lake whitefish caught by experimental gillnets (127mm mesh) in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
390	1	397	950	-	1.52	0	-	-	-	-	-	-	1	397	950	-	1.52	0
400	-	-	-	-	-	-	1	407	1000	-	1.48	100	1	407	1000	-	1.48	100
420	1	423	1200	-	1.59	100	1	425	1250	-	1.63	100	2	424	1225	35	1.61	100
430	1	430	1200	-	1.51	100	-	-	-	-	-	-	1	430	1200	-	1.51	100
440	1	447	1500	-	1.68	100	1	446	1200	-	1.35	100	2	447	1350	212	1.52	100
450	1	453	1400	-	1.51	100	1	452	1600	-	1.73	100	2	453	1500	141	1.62	100
460	-	-	-	-	-	-	1	466	1500	-	1.48	100	1	466	1500	-	1.48	100
470	4	474	1775	155	1.67	100	1	471	1650	-	1.58	100	5	473	1750	146	1.65	100
480	-	-	-	-	-	-	2	485	2000	0	1.75	100	2	485	2000	0	1.75	100
490	2	494	1775	460	1.47	100	3	493	1933	153	1.61	100	5	493	1870	268	1.56	100
500	-	-	-	-	-	-	2	505	2000	71	1.55	100	2	505	2000	71	1.55	100
510	2	514	1925	35	1.42	100	2	516	2050	212	1.49	100	4	515	1988	144	1.46	100
520	1	528	2050	-	1.39	100	1	521	2350	-	1.66	100	2	525	2200	212	1.53	100
530	-	-	-	-	-	-	2	537	2300	141	1.49	100	2	537	2300	141	1.49	100
540	-	-	-	-	-	-	1	546	2250	-	1.38	100	1	546	2250	-	1.38	100
TOTAL	14						19						33					
MEAN		471	1629	358	1.55			489	1858	398	1.56			481	1761	393	1.56	

Table 23. Biological data by length interval for lake whitefish caught by experimental gillnets (133mm mesh) in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
400	-	-	-	-	-	-	1	400	850	-	1.33	0	1	400	850	-	1.33	0
420	-	-	-	-	-	-	1	428	1350	-	1.72	100	1	428	1350	-	1.72	100
430	1	430	1200	-	1.51	100	1	434	1300	-	1.59	100	2	432	1250	71	1.55	100
450	2	453	1475	35	1.59	100	2	456	1575	247	1.66	100	5	455	1530	135	1.62	100
470	1	475	1800	-	1.68	100	1	479	1850	-	1.68	100	2	477	1825	35	1.68	100
480	3	485	1650	563	1.44	100	2	488	1950	212	1.68	100	5	486	1770	444	1.54	100
490	1	497	1600	-	1.30	100	-	-	-	-	-	-	1	497	1600	-	1.30	100
500	-	-	-	-	-	-	1	506	1350	-	1.04	100	1	506	1350	-	1.04	100
510	-	-	-	-	-	-	4	516	2200	0	1.60	100	4	516	2200	0	1.60	100
520	1	522	1900	-	1.34	100	2	524	2425	247	1.68	100	3	523	2250	350	1.57	100
530	1	532	1900	-	1.26	100	1	534	2050	-	1.35	100	2	533	1975	106	1.30	100
540	2	546	2650	0	1.63	100	2	544	2675	318	1.66	100	4	545	2663	184	1.65	100
550	1	557	2750	-	1.59	100	-	-	-	-	-	-	1	557	2750	-	1.59	100
570	1	573	2650	-	1.41	100	-	-	-	-	-	-	1	573	2650	-	1.41	100
580	1	589	2350	-	1.15	100	-	-	-	-	-	-	1	589	2350	-	1.15	100
TOTAL	15						18						34					
MEAN		509	1957	557	1.47			493	1933	524	1.58			499	1932	527	1.53	

Table 24. Biological data by length interval for lake whitefish caught by experimental gillnets (139mm mesh) in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
340	1	340	550	-	1.40	0	-	-	-	-	-	-	1	340	550	-	1.40	0
410	1	417	1850	-	2.55	100	-	-	-	-	-	-	1	417	1850	-	2.55	100
420	2	421	1225	35	1.65	100	-	-	-	-	-	-	2	421	1225	35	1.65	100
430	-	-	-	-	-	-	1	432	1350	-	1.67	100	1	432	1350	-	1.67	100
440	1	448	1450	-	1.61	100	-	-	-	-	-	-	1	448	1450	-	1.61	100
450	1	452	1450	-	1.57	100	1	453	1550	-	1.67	100	2	453	1500	71	1.62	100
460	2	463	1500	0	1.51	100	-	-	-	-	-	-	2	463	1500	0	1.51	100
470	1	475	1700	-	1.59	100	1	473	1750	-	1.65	100	2	474	1725	35	1.62	100
480	-	-	-	-	-	-	3	486	1883	431	1.65	100	3	486	1883	431	1.65	100
500	2	507	1975	35	1.52	100	3	506	2133	252	1.64	100	5	506	2070	199	1.59	100
510	1	513	2250	-	1.67	100	4	515	2100	135	1.53	100	5	515	2130	135	1.56	100
520	3	524	2033	104	1.41	100	1	521	2500	-	1.77	100	4	524	2150	248	1.50	100
530	1	535	2100	-	1.37	100	-	-	-	-	-	-	1	535	2100	-	1.37	100
540	1	540	2550	-	1.62	100	-	-	-	-	-	-	1	540	2550	-	1.62	100
550	-	-	-	-	-	-	1	550	1900	-	1.14	100	1	550	1900	-	1.14	100
560	1	563	2500	-	1.40	100	-	-	-	-	-	-	1	563	2500	-	1.40	100
580	-	-	-	-	-	-	1	586	1700	-	0.84	100	1	586	1700	-	0.84	100
TOTAL	18						16						34					
MEAN		480	1772	499	1.58			503	1950	335	1.55			491	1856	433	1.56	

Table 25. Biological data by length interval for lake whitefish caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
160	-	-	-	-	-	-	-	-	-	-	-	-	1	164	45	-	1.02	0
170	-	-	-	-	-	-	-	-	-	-	-	-	1	176	75	-	1.38	0
190	-	-	-	-	-	-	-	-	-	-	-	-	2	195	80	0	1.09	0
200	-	-	-	-	-	-	-	-	-	-	-	-	3	204	100	0	1.18	0
210	-	-	-	-	-	-	1	215	100	-	1.01	0	5	215	116	22	1.18	0
220	-	-	-	-	-	-	1	222	100	-	0.91	0	3	223	112	20	1.01	0
230	-	-	-	-	-	-	1	237	200	-	1.50	0	4	236	180	24	1.37	0
240	4	245	198	5	1.34	0	4	246	173	26	1.16	0	14	245	180	23	1.22	0
250	5	256	208	18	1.24	20	9	255	208	16	1.25	11	19	255	208	24	1.26	11
260	9	264	237	29	1.29	0	16	265	231	36	1.24	13	30	264	231	31	1.25	7
270	7	274	257	35	1.25	14	12	275	271	34	1.31	0	21	274	263	35	1.28	6
280	9	284	303	40	1.33	11	10	285	287	26	1.25	10	19	284	295	33	1.29	11
290	14	294	336	41	1.33	0	10	294	330	48	1.30	20	24	294	333	43	1.32	8
300	3	305	383	29	1.35	0	3	303	333	58	1.20	0	6	304	358	49	1.27	0
310	8	315	423	32	1.36	0	10	314	408	47	1.31	0	18	314	414	41	1.33	0
320	6	325	474	41	1.38	17	12	324	463	53	1.36	42	18	324	467	48	1.37	33
330	4	336	525	96	1.38	50	12	335	525	46	1.40	33	16	335	525	58	1.39	38
340	5	345	580	57	1.41	20	3	345	643	40	1.57	67	8	345	604	58	1.47	38
350	10	353	640	75	1.45	30	13	353	626	47	1.42	46	24	353	633	58	1.44	38
360	9	363	739	70	1.54	44	17	363	728	80	1.52	100	26	363	732	76	1.53	81
370	6	375	757	141	1.43	67	7	374	777	84	1.48	100	13	374	768	109	1.46	85
380	8	386	853	63	1.48	100	9	386	868	79	1.51	89	17	386	861	70	1.50	94
390	10	394	915	67	1.50	100	12	394	945	64	1.55	100	22	394	932	65	1.53	100
400	7	406	1058	92	1.58	100	6	403	1007	105	1.54	100	13	405	1034	98	1.56	100
410	9	413	1117	83	1.58	89	7	415	1136	106	1.59	100	16	414	1125	91	1.59	94
420	4	424	1138	189	1.49	100	6	423	1128	84	1.49	100	10	423	1132	126	1.49	100
430	1	439	1400	-	1.65	100	2	435	1375	35	1.68	100	3	436	1383	29	1.67	100
440	6	444	1250	77	1.43	100	3	444	1267	153	1.45	100	9	444	1256	98	1.43	100
450	1	459	1625	-	1.68	100	2	457	1438	18	1.51	100	3	457	1500	109	1.57	100
460	1	463	1200	-	1.21	100	5	467	1530	27	1.50	100	6	466	1475	137	1.46	100
470	-	-	-	-	-	-	2	474	1900	0	1.78	100	2	474	1900	0	1.78	100
480	-	-	-	-	-	-	4	484	1701	272	1.50	100	4	484	1701	272	1.50	100
490	3	493	2033	115	1.70	100	2	492	1700	0	1.43	100	5	493	1900	200	1.59	100
520	-	-	-	-	-	-	2	526	2500	0	1.72	100	2	526	2500	0	1.72	100
530	-	-	-	-	-	-	2	530	2400	0	1.61	100	2	530	2400	0	1.61	100
540	-	-	-	-	-	-	2	548	3150	0	1.91	100	2	548	3150	0	1.91	100
570	-	-	-	-	-	-	1	575	1700	-	0.89	100	1	575	1700	-	0.89	100
TOTAL	149						208						392					
MEAN		346	664	397	1.42			350	720	542	1.41			338	650	489	1.40	

Table 26. Biological data by length interval for lake whitefish caught by experimental gillnets (38mm mesh) in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
160	-	-	-	-	-	-	-	-	-	-	-	-	1	164	45	-	1.02	0
170	-	-	-	-	-	-	-	-	-	-	-	-	1	176	75	-	1.38	0
190	-	-	-	-	-	-	-	-	-	-	-	-	2	195	80	0	1.09	0
200	-	-	-	-	-	-	-	-	-	-	-	-	3	204	100	0	1.13	0
210	-	-	-	-	-	-	1	215	100	-	1.01	0	5	215	116	22	1.18	0
220	-	-	-	-	-	-	1	222	100	-	0.91	0	1	222	100	-	0.91	0
230	-	-	-	-	-	-	-	-	-	-	-	-	1	235	150	-	1.16	0
250	-	-	-	-	-	-	-	-	-	-	-	-	2	252	200	0	1.25	0
320	1	323	450	-	1.34	0	-	-	-	-	-	-	1	323	450	-	1.34	0
350	-	-	-	-	-	-	2	355	625	35	1.40	100	2	355	625	35	1.40	100
360	-	-	-	-	-	-	1	368	750	-	1.50	100	1	368	750	-	1.50	100
380	1	386	850	-	1.48	100	-	-	-	-	-	-	1	386	850	-	1.48	100
TOTAL	2						5						21					
MEAN		355	650	283	1.41			303	440	315	1.24			246	243	251	1.22	

Table 27. Biological data by length interval for lake whitefish caught by experimental gillnets (64mm mesh) in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
220	-	-	-	-	-	-	-	-	-	-	-	-	1	220	135	-	1.27	0
230	-	-	-	-	-	-	1	237	200	-	1.50	0	3	236	190	17	1.44	0
240	4	245	198	5	1.34	0	4	246	173	26	1.16	0	14	245	180	23	1.22	0
250	5	256	208	18	1.24	20	9	255	208	16	1.25	11	17	255	209	25	1.26	12
260	9	264	237	29	1.29	0	16	265	231	36	1.24	13	30	264	231	31	1.25	7
270	7	274	257	35	1.25	14	12	275	271	34	1.31	0	21	274	263	35	1.28	5
280	8	284	298	38	1.30	13	10	285	287	26	1.25	10	18	284	292	31	1.27	11
290	12	293	329	39	1.30	0	10	294	330	48	1.30	20	22	294	330	42	1.30	9
300	3	305	383	29	1.35	0	2	302	300	0	1.09	0	5	304	350	50	1.24	0
310	6	314	413	33	1.33	0	9	315	398	36	1.28	0	15	314	404	34	1.30	0
320	1	329	500	-	1.40	0	8	324	479	51	1.41	38	9	324	481	48	1.41	33
330	3	335	533	115	1.41	67	10	335	535	42	1.42	40	13	335	535	60	1.42	46
340	1	343	500	-	1.24	0	2	347	640	57	1.53	50	3	346	593	90	1.43	33
350	5	350	642	61	1.49	20	4	353	663	63	1.51	50	10	352	651	55	1.49	30
360	4	363	713	25	1.49	0	2	364	710	57	1.48	100	6	363	712	32	1.49	33
370	3	372	667	153	1.30	67	3	373	797	129	1.53	100	6	373	732	145	1.41	83
380	1	389	920	-	1.56	100	2	385	800	0	1.40	100	3	386	840	69	1.46	100
390	-	-	-	-	-	-	2	392	925	35	1.54	100	2	392	925	35	1.54	100
400	2	405	1050	0	1.58	100	-	-	-	-	-	-	2	405	1050	0	1.58	100
410	2	413	1250	0	1.77	100	2	419	1200	0	1.63	100	4	416	1225	29	1.70	100
430	-	-	-	-	-	-	2	435	1375	35	1.68	100	2	435	1375	35	1.68	100
460	-	-	-	-	-	-	2	469	1500	0	1.45	100	2	469	1500	0	1.45	100
470	-	-	-	-	-	-	2	474	1900	0	1.78	100	2	474	1900	0	1.78	100
TOTAL	76						114						210					
MEAN		305	420	245	1.35			310	459	345	1.34			303	422	303	1.34	

Table 28. Biological data by length interval for lake whitefish caught by experimental gillnets (89mm mesh) in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
220	-	-	-	-	-	-	-	-	-	-	-	-	1	228	100	-	0.84	0
280	1	280	350	-	1.59	0	-	-	-	-	-	-	1	280	350	-	1.59	0
290	2	295	375	35	1.46	0	-	-	-	-	-	-	2	295	375	35	1.46	0
300	-	-	-	-	-	-	1	305	400	-	1.41	0	1	305	400	-	1.41	0
310	2	316	450	0	1.43	0	1	313	500	-	1.63	0	3	315	467	29	1.50	0
320	4	325	474	49	1.38	25	4	325	431	47	1.26	50	8	325	453	50	1.32	38
330	1	336	500	-	1.32	0	2	333	475	35	1.29	0	3	334	483	29	1.30	0
340	4	346	600	41	1.45	25	1	340	650	-	1.65	100	5	345	610	42	1.49	40
350	5	356	637	94	1.41	40	5	353	602	32	1.37	20	10	354	620	69	1.39	30
360	3	364	733	58	1.53	67	10	364	720	101	1.50	100	13	364	723	90	1.51	92
380	3	384	817	76	1.44	100	3	386	917	104	1.60	100	6	385	867	98	1.52	100
390	2	392	850	0	1.41	100	4	395	950	58	1.55	100	6	394	917	68	1.50	100
400	1	409	1200	-	1.75	100	-	-	-	-	-	-	1	409	1200	-	1.75	100
410	1	415	1100	-	1.54	100	-	-	-	-	-	-	1	415	1100	-	1.54	100
420	2	420	1000	141	1.35	100	1	420	1100	-	1.48	100	3	420	1033	115	1.39	100
440	2	440	1200	0	1.41	100	-	-	-	-	-	-	2	440	1200	0	1.41	100
480	-	-	-	-	-	-	1	485	1600	-	1.40	100	1	485	1600	-	1.40	100
520	-	-	-	-	-	-	2	526	2500	0	1.72	100	2	526	2500	0	1.72	100
TOTAL	33						35						69					
MEAN		360	698	252	1.44			372	820	487	1.47			364	751	398	1.45	

Table 29. Biological data by length interval for lake whitefish caught by experimental gillnets (114mm mesh) in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
350	-	-	-	-	-	-	1	350	600	-	1.40	100	1	350	600	-	1.40	100
360	2	364	800	141	1.66	100	4	362	750	41	1.59	100	6	362	767	75	1.61	100
370	2	377	825	35	1.54	100	4	375	763	48	1.45	100	6	375	783	52	1.48	100
380	3	386	867	58	1.50	100	2	385	875	106	1.54	100	5	386	870	67	1.52	100
390	6	393	908	58	1.49	100	3	394	933	76	1.52	100	9	394	917	61	1.50	100
400	2	406	1100	0	1.64	100	-	-	-	-	-	-	2	406	1100	0	1.64	100
410	4	414	1088	25	1.53	100	1	416	1000	-	1.39	100	5	415	1070	45	1.50	100
420	1	428	1350	-	1.72	100	2	422	1075	106	1.43	100	3	424	1167	176	1.53	100
440	2	448	1200	0	1.33	100	1	446	1100	-	1.24	100	3	447	1167	58	1.30	100
460	1	463	1200	-	1.21	100	2	468	1550	0	1.51	100	3	466	1433	202	1.41	100
480	-	-	-	-	-	-	1	488	2050	-	1.76	100	1	488	2050	-	1.76	100
570	-	-	-	-	-	-	1	575	1700	-	0.89	100	1	575	1700	-	0.89	100
TOTAL	23						22						45					
MEAN		402	991	163	1.52			407	1014	374	1.47			405	1002	283	1.49	

Table 30. Biological data by length interval for lake whitefish caught by experimental gillnets (127mm mesh) in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
380	-	-	-	-	-	-	1	386	860	-	1.50	100	1	386	860	-	1.50	100
390	2	397	1000	0	1.60	100	1	394	1070	-	1.75	100	3	396	1023	40	1.65	100
400	-	-	-	-	-	-	4	403	1023	130	1.56	100	4	403	1023	130	1.56	100
410	1	410	1100	-	1.60	0	4	412	1139	117	1.63	100	5	412	1131	103	1.62	80
430	1	439	1400	-	1.65	100	-	-	-	-	-	-	1	439	1400	-	1.65	100
440	2	445	1350	0	1.53	100	1	442	1400	-	1.62	100	3	444	1367	29	1.56	100
450	-	-	-	-	-	-	1	457	1450	-	1.52	100	1	457	1450	-	1.52	100
460	-	-	-	-	-	-	1	460	1550	-	1.59	100	1	460	1550	-	1.59	100
490	-	-	-	-	-	-	1	492	1700	-	1.43	100	1	492	1700	-	1.43	100
540	-	-	-	-	-	-	1	548	3150	-	1.91	100	1	548	3150	-	1.91	100
TOTAL	6						15						21					
MEAN		422	1200	187	1.59			429	1322	562	1.61			427	1287	483	1.60	

Table 31. Biological data by length interval for lake whitefish caught by experimental gillnets (133mm mesh) in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
350	-	-	-	-	-	-	1	352	630	-	1.44	0	1	352	630	-	1.44	0
370	1	379	890	-	1.63	0	-	-	-	-	-	-	1	379	890	-	1.63	0
390	-	-	-	-	-	-	1	392	950	-	1.58	100	1	392	950	-	1.58	100
400	2	406	952	68	1.43	100	1	402	1000	-	1.54	100	3	404	968	55	1.46	100
410	1	410	1000	-	1.45	100	-	-	-	-	-	-	1	410	1000	-	1.45	100
420	-	-	-	-	-	-	1	423	1100	-	1.45	100	1	423	1100	-	1.45	100
440	-	-	-	-	-	-	1	445	1300	-	1.48	100	1	445	1300	-	1.48	100
450	1	459	1625	-	1.68	100	1	456	1425	-	1.50	100	2	458	1525	141	1.59	100
480	-	-	-	-	-	-	1	481	1405	-	1.26	100	1	481	1405	-	1.26	100
490	-	-	-	-	-	-	1	492	1700	-	1.43	100	1	492	1700	-	1.43	100
540	-	-	-	-	-	-	1	548	3150	-	1.91	100	1	548	3150	-	1.91	100
TOTAL	5						9						14					
MEAN		412	1084	307	1.52			443	1407	725	1.51			432	1291	615	1.52	

Table 32. Biological data by length interval for lake whitefish caught by experimental gillnets (139mm mesh) in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
380	-	-	-	-	-	-	1	388	850	-	1.46	0	1	388	850	-	1.46	0
390	-	-	-	-	-	-	1	392	875	-	1.45	100	1	392	875	-	1.45	100
400	-	-	-	-	-	-	1	404	950	-	1.44	100	1	404	950	-	1.44	100
420	1	426	1200	-	1.55	100	2	425	1210	57	1.58	100	3	425	1207	40	1.57	100
480	-	-	-	-	-	-	1	480	1750	-	1.58	100	1	480	1750	-	1.58	100
490	3	493	2033	115	1.70	100	-	-	-	-	-	-	3	493	2033	115	1.70	100
530	-	-	-	-	-	-	2	530	2400	0	1.61	100	2	530	2400	0	1.61	100
TOTAL	4						8						12					
MEAN		476	1825	427	1.66			447	1456	650	1.54			457	1579	593	1.58	

Table 33. Biological data by length interval for lake whitefish caught by experimental gillnets in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
130	-	-	-	-	-	-	-	-	-	-	-	-	1	139	50	-	1.86	0
140	-	-	-	-	-	-	-	-	-	-	-	-	2	149	50	0	1.51	0
150	-	-	-	-	-	-	1	156	50	-	1.32	0	19	155	53	11	1.42	0
160	1	165	100	-	2.23	0	2	167	50	0	1.08	0	66	165	52	10	1.17	0
170	3	173	50	0	0.96	0	5	175	80	27	1.52	0	92	174	54	14	1.03	0
180	5	184	80	27	1.29	0	8	186	88	23	1.38	0	101	184	73	25	1.16	0
190	5	196	120	27	1.58	0	15	195	107	18	1.44	0	95	194	92	23	1.25	0
200	8	205	113	23	1.31	0	8	203	100	0	1.19	0	57	204	104	16	1.22	0
210	1	210	150	-	1.62	0	3	216	150	0	1.49	0	17	213	121	25	1.24	0
220	1	226	150	-	1.30	0	5	225	160	22	1.42	0	11	225	145	27	1.28	0
230	6	235	183	26	1.42	0	6	233	167	26	1.32	0	18	233	167	30	1.31	0
240	3	247	200	0	1.33	0	6	243	200	0	1.39	0	15	245	197	13	1.34	0
250	11	254	236	107	1.42	9	13	254	231	83	1.41	8	35	255	223	80	1.35	6
260	6	265	250	32	1.34	0	12	264	238	23	1.28	0	24	265	235	28	1.27	0
270	8	273	269	26	1.32	0	10	275	270	35	1.30	0	21	274	267	29	1.29	0
280	7	283	314	38	1.39	0	10	284	300	24	1.31	0	20	284	303	30	1.33	0
290	13	293	327	33	1.30	8	10	294	343	37	1.35	0	26	294	326	57	1.29	4
300	4	305	400	0	1.41	0	9	305	389	49	1.37	0	15	305	387	44	1.37	0
310	4	312	425	29	1.40	0	6	315	458	38	1.47	0	12	314	442	36	1.43	0
320	12	324	479	50	1.41	8	10	324	455	37	1.34	0	22	324	468	45	1.38	5
330	9	334	506	39	1.36	0	9	335	567	115	1.50	22	18	335	536	89	1.43	11
340	14	344	571	61	1.40	14	14	345	596	57	1.45	14	28	345	584	59	1.43	14
350	11	355	655	69	1.46	55	13	354	665	83	1.49	23	24	355	660	75	1.48	38
360	12	363	725	92	1.51	50	9	365	739	65	1.52	22	21	364	731	80	1.51	38
370	25	375	780	114	1.48	52	10	375	845	50	1.61	70	35	375	799	103	1.52	57
380	13	384	858	64	1.51	54	16	384	897	94	1.58	63	29	384	879	83	1.55	59
390	22	395	968	91	1.58	86	17	393	950	90	1.56	47	39	394	960	90	1.57	69
400	17	404	1050	81	1.60	88	15	405	1080	77	1.63	80	32	404	1064	80	1.61	84
410	11	414	1064	84	1.50	91	11	414	1150	84	1.62	100	22	414	1107	93	1.56	95
420	11	425	1227	113	1.60	100	14	423	1146	84	1.51	93	25	424	1182	104	1.55	96
430	9	435	1240	82	1.51	100	9	435	1272	97	1.55	100	18	435	1256	89	1.53	100
440	3	444	1400	87	1.60	100	4	444	1400	141	1.60	100	7	444	1400	112	1.60	100
450	3	455	1500	265	1.59	100	5	453	1550	132	1.67	100	9	454	1528	164	1.63	89
460	2	462	1700	141	1.72	100	1	462	1450	-	1.47	100	3	462	1617	176	1.64	100
470	-	-	-	-	-	-	2	474	1675	106	1.58	100	2	474	1675	106	1.58	100
520	1	525	2600	-	1.80	100	-	-	-	-	-	-	1	525	2600	-	1.80	100
TOTAL	261						288						982					
MEAN		340	671	403	1.46			323	608	422	1.46			270	396	416	1.32	

Table 34. Biological data by length interval for lake whitefish caught by experimental gillnets (38mm mesh) in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
130	-	-	-	-	-	-	-	-	-	-	-	-	1	139	50	-	1.86	0
140	-	-	-	-	-	-	-	-	-	-	-	-	2	149	50	0	1.51	0
150	-	-	-	-	-	-	1	156	50	-	1.32	0	19	155	53	11	1.42	0
160	1	165	100	-	2.23	0	2	167	50	0	1.08	0	66	165	52	10	1.17	0
170	3	173	50	0	0.96	0	5	175	80	27	1.52	0	92	174	54	14	1.03	0
180	5	184	80	27	1.29	0	8	186	88	23	1.38	0	101	184	73	25	1.16	0
190	5	196	120	27	1.58	0	15	195	107	18	1.44	0	95	194	92	23	1.25	0
200	7	204	114	24	1.34	0	7	203	100	0	1.20	0	54	204	103	15	1.22	0
210	1	210	150	-	1.62	0	2	215	150	0	1.52	0	13	212	119	25	1.24	0
220	-	-	-	-	-	-	2	223	175	35	1.58	0	5	223	140	42	1.25	0
230	-	-	-	-	-	-	1	239	200	-	1.46	0	4	233	150	41	1.17	0
250	-	-	-	-	-	-	1	252	200	-	1.25	0	2	255	200	0	1.21	0
270	-	-	-	-	-	-	1	279	300	-	1.38	0	1	279	300	-	1.38	0
290	-	-	-	-	-	-	-	-	-	-	-	-	1	295	100	-	0.39	0
310	-	-	-	-	-	-	-	-	-	-	-	-	1	314	400	-	1.29	0
320	1	327	450	-	1.29	0	1	322	450	-	1.35	0	2	325	450	0	1.32	0
330	1	337	550	-	1.44	0	-	-	-	-	-	-	1	337	550	-	1.44	0
340	-	-	-	-	-	-	1	340	550	-	1.40	0	1	340	550	-	1.40	0
350	1	352	600	-	1.38	0	1	358	800	-	1.74	0	2	355	700	141	1.56	0
400	-	-	-	-	-	-	2	405	1100	0	1.66	100	2	405	1100	0	1.66	100
440	-	-	-	-	-	-	1	445	1500	-	1.70	100	1	445	1500	-	1.70	100
520	1	525	2600	-	1.80	100	-	-	-	-	-	-	1	525	2600	-	1.80	100
TOTAL	26						51						467					
MEAN		222	246	502	1.40			218	204	294	1.41			189	96	163	1.18	

Table 35. Biological data by length interval for lake whitefish caught by experimental gillnets (64mm mesh) in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
200	1	208	100	-	1.11	0	1	207	100	-	1.13	0	3	208	117	29	1.29	0
210	-	-	-	-	-	-	1	219	150	-	1.43	0	4	217	125	29	1.22	0
220	1	226	150	-	1.30	0	3	226	150	0	1.31	0	6	226	150	0	1.30	0
230	6	235	183	26	1.42	0	5	232	160	22	1.29	0	14	233	171	26	1.35	0
240	3	247	200	0	1.33	0	6	243	200	0	1.39	0	15	245	197	13	1.34	0
250	10	254	205	28	1.25	0	11	254	209	20	1.27	9	31	255	205	27	1.24	3
260	6	265	250	32	1.34	0	11	264	236	23	1.28	0	23	265	235	28	1.27	0
270	8	273	269	26	1.32	0	7	275	257	35	1.24	0	18	274	261	27	1.27	0
280	6	283	308	38	1.36	0	7	284	293	19	1.28	0	16	283	297	29	1.30	0
290	10	293	320	35	1.27	10	8	294	344	42	1.35	0	20	294	333	37	1.31	5
300	2	305	400	0	1.41	0	3	304	393	29	1.36	0	7	304	379	39	1.35	0
310	-	-	-	-	-	-	1	311	400	-	1.33	0	2	313	425	35	1.38	0
320	6	324	483	41	1.42	17	5	323	440	42	1.30	0	11	324	464	45	1.37	9
330	2	334	525	35	1.41	0	4	334	525	50	1.41	0	6	334	525	42	1.41	0
340	7	345	571	64	1.39	0	6	346	575	61	1.39	17	13	345	573	60	1.39	8
350	-	-	-	-	-	-	7	355	671	95	1.50	14	7	355	671	95	1.50	14
360	3	363	667	29	1.39	100	3	366	700	0	1.43	33	6	364	683	26	1.41	67
370	4	375	775	87	1.48	50	4	376	825	29	1.56	50	8	375	800	65	1.52	50
380	1	383	900	-	1.60	100	3	385	817	29	1.43	33	4	385	838	48	1.47	50
390	4	394	938	103	1.53	75	2	395	875	106	1.42	0	6	394	917	98	1.49	50
400	2	406	950	0	1.42	100	1	405	1000	-	1.51	100	3	405	967	29	1.45	100
410	-	-	-	-	-	-	1	415	1350	-	1.89	100	1	415	1350	-	1.89	100
420	1	424	1050	-	1.38	100	-	-	-	-	-	-	1	424	1050	-	1.38	100
430	1	436	1400	-	1.69	100	1	434	1300	-	1.59	100	2	435	1350	71	1.64	100
TOTAL	84						101						227					
MEAN		302	423	266	1.36			299	410	260	1.35			293	380	251	1.34	

Table 36. Biological data by length interval for lake whitefish caught by experimental gillnets (89mm mesh) in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
250	1	259	550	-	3.17	100	1	254	500	-	3.05	0	2	257	525	35	3.11	50
260	-	-	-	-	-	-	1	267	250	-	1.31	0	1	267	250	-	1.31	0
270	-	-	-	-	-	-	2	274	300	0	1.47	0	2	274	300	0	1.47	0
280	1	284	350	-	1.53	0	3	285	317	29	1.37	0	4	285	325	29	1.41	0
290	3	291	350	0	1.42	0	2	295	340	14	1.33	0	5	293	346	9	1.38	0
300	2	305	400	0	1.41	0	6	306	392	58	1.37	0	8	305	394	50	1.38	0
310	3	313	417	29	1.36	0	5	316	470	27	1.49	0	8	315	450	38	1.45	0
320	5	323	480	67	1.43	0	4	325	475	29	1.39	0	9	324	478	51	1.41	0
330	6	334	492	38	1.32	0	4	336	538	48	1.42	25	10	335	510	46	1.36	10
340	6	343	558	58	1.38	17	7	346	621	49	1.50	14	13	345	592	61	1.45	15
350	9	355	656	73	1.46	56	5	353	630	27	1.43	40	14	355	646	60	1.45	50
360	5	362	690	65	1.46	40	4	364	750	71	1.55	25	9	363	717	71	1.50	33
370	12	374	779	72	1.49	33	5	373	850	61	1.64	80	17	374	800	75	1.53	47
380	8	384	831	70	1.47	38	9	384	872	57	1.54	56	17	384	853	65	1.51	47
390	9	395	967	79	1.57	89	8	393	969	116	1.59	50	17	394	968	95	1.58	71
400	3	402	983	76	1.51	67	3	407	1017	115	1.51	33	6	405	1000	89	1.51	50
410	3	415	1000	50	1.40	67	1	414	1100	-	1.55	100	4	415	1025	65	1.44	75
420	1	425	1250	-	1.63	100	5	425	1120	76	1.46	100	6	425	1142	86	1.49	100
430	1	433	1200	-	1.48	100	2	432	1200	141	1.49	100	3	432	1200	100	1.49	100
450	-	-	-	-	-	-	1	450	1350	-	1.48	100	1	450	1350	-	1.48	100
TOTAL	78						78						156					
MEAN		360	707	221	1.48			356	713	278	1.51			358	710	250	1.49	

Table 37. Biological data by length interval for lake whitefish caught by experimental gillnets (114mm mesh) in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
330	-	-	-	-	-	-	1	338	850	-	2.20	100	1	338	850	-	2.20	100
340	1	340	650	-	1.65	100	-	-	-	-	-	-	1	340	650	-	1.65	100
350	1	355	700	-	1.56	100	-	-	-	-	-	-	1	355	700	-	1.56	100
360	4	365	813	95	1.67	25	-	-	-	-	-	-	4	365	813	95	1.67	25
370	7	375	771	193	1.46	86	1	378	900	-	1.67	100	8	375	788	185	1.49	88
380	1	385	900	-	1.58	100	1	383	950	-	1.69	100	2	384	925	35	1.63	100
390	2	394	900	0	1.48	50	3	395	967	29	1.56	100	5	395	940	42	1.53	80
400	-	-	-	-	-	-	3	403	1150	50	1.75	100	3	403	1150	50	1.75	100
410	1	418	1000	-	1.37	100	3	416	1117	29	1.56	100	4	416	1088	63	1.51	100
420	2	424	1200	71	1.58	100	1	422	1050	-	1.40	0	3	423	1150	100	1.52	67
440	2	444	1425	106	1.63	100	1	442	1500	-	1.74	100	3	443	1450	87	1.66	100
460	-	-	-	-	-	-	1	462	1450	-	1.47	100	1	462	1450	-	1.47	100
TOTAL	21						15						36					
MEAN		386	902	251	1.54			405	1093	185	1.65			394	982	242	1.59	

Table 38. Biological data by length interval for lake whitefish caught by experimental gillnets (127mm mesh) in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
360	-	-	-	-	-	-	1	366	700	-	1.43	0	1	366	700	-	1.43	0
370	2	376	825	35	1.55	50	-	-	-	-	-	-	2	376	825	35	1.55	50
380	2	386	900	0	1.56	100	1	385	950	-	1.66	100	3	386	917	29	1.60	100
390	6	395	992	107	1.61	100	4	391	938	48	1.57	25	10	393	970	89	1.59	70
400	9	404	1078	71	1.64	89	3	404	1083	76	1.64	100	12	404	1079	69	1.64	92
410	4	414	1088	103	1.54	100	1	411	1050	-	1.51	100	5	413	1080	91	1.53	100
420	3	427	1283	189	1.65	100	5	423	1170	97	1.55	100	8	424	1213	138	1.59	100
430	3	433	1203	55	1.48	100	2	435	1375	106	1.67	100	5	434	1272	115	1.56	100
440	-	-	-	-	-	-	1	447	1400	-	1.57	100	1	447	1400	-	1.57	100
450	2	455	1600	283	1.70	100	1	452	1700	-	1.84	100	3	454	1633	208	1.75	100
470	-	-	-	-	-	-	1	475	1750	-	1.63	100	1	475	1750	-	1.63	100
TOTAL	31						20						51					
MEAN		409	1100	202	1.60			415	1158	266	1.60			411	1123	228	1.60	

Table 39. Biological data by length interval for lake whitefish caught by experimental gillnets (133mm mesh) in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
380	-	-	-	-	-	-	2	382	1075	106	1.94	100	2	382	1075	106	1.94	100
390	1	394	1100	-	1.80	100	-	-	-	-	-	-	1	394	1100	-	1.80	100
400	1	403	1100	-	1.68	100	1	401	1150	-	1.78	100	2	402	1125	35	1.73	100
410	2	412	1100	71	1.58	100	3	412	1133	58	1.63	100	5	412	1120	57	1.61	100
420	2	424	1250	71	1.64	100	2	423	1150	71	1.53	100	4	423	1200	82	1.58	100
430	2	438	1250	71	1.49	100	3	436	1233	58	1.49	100	5	436	1240	55	1.49	100
440	1	443	1350	-	1.55	100	1	442	1200	-	1.39	100	2	443	1275	106	1.47	100
450	-	-	-	-	-	-	2	455	1550	71	1.65	100	3	456	1533	58	1.62	67
460	2	462	1700	141	1.72	100	-	-	-	-	-	-	2	462	1700	141	1.72	100
TOTAL	11						14						26					
MEAN		428	1286	229	1.63			422	1214	160	1.62			426	1256	195	1.62	

Table 40. Biological data by length interval for lake whitefish caught by experimental gillnets (139mm mesh) in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
310	1	310	450	-	1.51	0	-	-	-	-	-	-	1	310	450	-	1.51	0
360	-	-	-	-	-	-	1	366	850	-	1.73	0	1	366	850	-	1.73	0
380	1	384	900	-	1.59	0	-	-	-	-	-	-	1	384	900	-	1.59	0
400	2	406	1100	71	1.65	100	2	408	1050	0	1.55	50	4	407	1075	50	1.60	75
410	1	416	1150	-	1.60	100	2	415	1200	0	1.69	100	3	415	1183	29	1.66	100
420	2	423	1225	35	1.62	100	1	420	1250	-	1.69	100	3	422	1233	29	1.64	100
430	2	434	1225	106	1.50	100	1	437	1300	-	1.56	100	3	435	1250	87	1.52	100
450	1	457	1300	-	1.36	100	1	453	1600	-	1.72	100	2	455	1450	212	1.54	100
470	-	-	-	-	-	-	1	472	1600	-	1.52	100	1	472	1600	-	1.52	100
TOTAL	10						9						19					
MEAN		409	1090	255	1.56			421	1233	247	1.63			415	1158	255	1.59	

Table 41. Biological data by length interval for lake whitefish caught by experimental gillnets in Area III, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
200	-	-	-	-	-	-	-	-	-	-	-	-	2	207	100	0	1.14	0
220	-	-	-	-	-	-	-	-	-	-	-	-	1	222	100	-	0.91	0
230	1	230	150	-	1.23	0	1	232	150	-	1.20	0	2	231	150	0	1.22	0
240	1	243	200	-	1.39	0	-	-	-	-	-	-	2	242	200	0	1.41	0
250	-	-	-	-	-	-	1	251	200	-	1.26	0	4	253	200	0	1.24	0
260	4	264	213	25	1.16	0	2	263	225	35	1.23	0	8	263	219	26	1.20	0
270	4	275	275	29	1.33	0	-	-	-	-	-	-	4	275	275	29	1.33	0
280	3	282	317	76	1.41	0	2	283	300	71	1.33	0	5	282	310	65	1.37	0
290	1	291	300	-	1.22	0	1	296	400	-	1.54	0	3	295	333	58	1.30	0
300	3	307	367	58	1.27	33	4	305	388	25	1.36	25	7	306	379	39	1.32	29
310	4	316	463	48	1.47	0	1	312	500	-	1.65	0	5	315	470	45	1.51	0
320	3	325	517	76	1.51	33	1	329	500	-	1.40	0	4	326	513	63	1.48	25
330	6	334	542	92	1.45	33	6	335	592	66	1.57	17	12	335	567	81	1.51	25
340	8	345	600	71	1.47	38	7	346	629	173	1.53	57	15	345	613	125	1.49	47
350	9	356	739	65	1.64	67	7	355	671	76	1.50	86	16	355	709	76	1.58	75
360	11	364	773	56	1.60	55	7	366	807	106	1.64	71	18	365	786	78	1.62	61
370	5	375	890	96	1.69	60	11	374	859	80	1.64	82	16	374	869	83	1.66	75
380	11	384	900	55	1.58	91	9	384	939	96	1.66	78	20	384	918	77	1.62	85
390	7	395	857	186	1.39	86	9	394	1017	132	1.66	100	16	394	947	173	1.54	94
400	6	405	1017	133	1.53	100	9	404	1094	136	1.65	100	15	404	1063	136	1.61	100
410	10	413	1095	83	1.55	100	7	414	1114	99	1.57	100	17	414	1103	87	1.56	100
420	3	423	1183	29	1.56	100	3	426	1183	126	1.53	100	6	425	1183	82	1.55	100
430	1	430	1500	-	1.89	100	2	433	1375	106	1.70	100	3	432	1417	104	1.76	100
440	1	448	1400	-	1.56	100	2	445	1375	106	1.57	100	3	446	1383	76	1.56	100
450	-	-	-	-	-	-	1	451	1550	-	1.69	100	1	451	1550	-	1.69	100
460	1	464	1700	-	1.70	100	-	-	-	-	-	-	1	464	1700	-	1.70	100
470	1	479	1900	-	1.73	100	2	476	1500	849	1.39	100	3	477	1633	643	1.50	100
480	1	483	2050	-	1.82	100	-	-	-	-	-	-	1	483	2050	-	1.82	100
TOTAL	105						95						210					
MEAN		361	769	353	1.51			372	852	331	1.57			360	779	361	1.52	

Table 42. Biological data by length interval for lake whitefish caught by experimental gillnets (38mm mesh) in Area III, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
200	-	-	-	-	-	-	-	-	-	-	-	-	2	207	100	0	1.14	0
220	-	-	-	-	-	-	-	-	-	-	-	-	1	222	100	-	0.91	0
250	-	-	-	-	-	-	-	-	-	-	-	-	1	254	200	-	1.22	0
260	1	265	250	-	1.34	0	-	-	-	-	-	-	1	265	250	-	1.34	0
TOTAL	1						0						5					
MEAN		265	250	-	1.34			-	-	-	-			231	150	71	1.15	

Table 43. Biological data by length interval for lake whitefish caught by experimental gillnets (64mm mesh) in Area III, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
230	1	230	150	-	1.23	0	1	232	150	-	1.20	0	2	231	150	0	1.22	0
240	1	243	200	-	1.39	0	-	-	-	-	-	-	1	243	200	-	1.39	0
250	-	-	-	-	-	-	1	251	200	-	1.26	0	3	252	200	0	1.25	0
260	3	263	200	0	1.10	0	2	263	225	35	1.23	0	7	263	214	24	1.18	0
270	4	275	275	29	1.33	0	-	-	-	-	-	-	4	275	275	29	1.33	0
280	3	282	317	76	1.41	0	2	283	300	71	1.33	0	5	282	310	65	1.37	0
290	1	291	300	-	1.22	0	1	296	400	-	1.54	0	3	295	333	58	1.30	0
300	1	306	400	-	1.40	0	2	304	375	35	1.34	0	3	304	383	29	1.36	0
310	2	317	475	35	1.50	0	-	-	-	-	-	-	2	317	475	35	1.50	0
320	1	321	500	-	1.51	0	-	-	-	-	-	-	1	321	500	-	1.51	0
330	-	-	-	-	-	-	1	333	600	-	1.62	100	1	333	600	-	1.62	100
340	2	343	550	71	1.37	0	1	349	650	-	1.53	100	3	345	583	76	1.42	33
350	-	-	-	-	-	-	3	355	633	76	1.41	100	3	355	633	76	1.41	100
360	1	367	750	-	1.52	100	1	365	800	-	1.65	100	2	366	775	35	1.58	100
370	-	-	-	-	-	-	4	372	788	95	1.53	100	4	372	788	95	1.53	100
380	1	382	850	-	1.52	100	-	-	-	-	-	-	1	382	850	-	1.52	100
390	-	-	-	-	-	-	1	390	950	-	1.60	100	1	390	950	-	1.60	100
410	-	-	-	-	-	-	1	415	1000	-	1.40	100	1	415	1000	-	1.40	100
TOTAL	21						21						47					
MEAN		295	374	189	1.35			328	552	268	1.43			306	438	244	1.37	

Table 44. Biological data by length interval for lake whitefish caught by experimental gillnets (89mm mesh) in Area III, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
300	2	308	350	71	1.20	50	2	307	400	0	1.39	50	4	307	375	50	1.30	50
310	2	315	450	71	1.45	0	1	312	500	-	1.65	0	3	314	467	58	1.51	0
320	2	327	525	106	1.51	50	1	329	500	-	1.40	0	3	327	517	76	1.47	33
330	5	333	510	55	1.38	40	4	336	563	48	1.49	0	9	334	533	56	1.43	22
340	4	346	575	29	1.40	50	5	346	550	50	1.33	40	9	346	561	42	1.36	44
350	7	356	743	73	1.64	86	3	353	683	76	1.55	100	10	355	725	75	1.62	90
360	4	365	738	63	1.52	25	3	364	750	132	1.55	33	7	364	743	89	1.53	29
370	3	375	850	100	1.62	33	2	374	925	35	1.78	50	5	374	880	84	1.68	40
380	3	386	917	104	1.59	100	3	384	800	50	1.60	67	6	385	908	74	1.59	83
390	1	392	450	-	0.75	0	1	394	1050	-	1.72	100	2	393	750	424	1.23	50
400	4	405	1025	150	1.55	100	2	403	1025	35	1.57	100	6	404	1025	117	1.56	100
410	4	414	1100	108	1.55	100	2	411	1150	0	1.66	100	6	413	1117	88	1.59	100
430	-	-	-	-	-	-	1	435	1450	-	1.76	100	1	435	1450	-	1.76	100
440	-	-	-	-	-	-	1	445	1450	-	1.65	100	1	445	1450	-	1.65	100
TOTAL	41						31						72					
MEAN		362	729	235	1.49			364	773	286	1.54			363	748	257	1.51	

Table45. Biological data by length interval for lake whitefish caught by experimental gillnets (114mm mesh) in Area III, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
240	-	-	-	-	-	-	-	-	-	-	-	-	1	241	200	-	1.43	0
330	1	337	700	-	1.83	0	-	-	-	-	-	-	1	337	700	-	1.83	0
340	2	345	700	0	1.71	50	1	343	1000	-	2.48	100	3	344	800	173	1.97	67
350	2	355	725	35	1.62	0	1	359	750	-	1.62	0	3	356	733	29	1.62	0
360	3	365	800	50	1.65	67	3	368	867	76	1.73	100	6	367	833	68	1.69	83
370	1	372	1000	-	1.94	100	3	375	883	29	1.67	100	4	375	913	63	1.74	100
380	5	384	890	22	1.57	80	3	383	917	126	1.63	67	8	384	900	71	1.59	75
390	2	395	925	35	1.51	100	3	393	1067	189	1.76	100	5	394	1010	156	1.66	100
400	1	406	1100	-	1.64	100	1	402	950	-	1.46	100	2	404	1025	106	1.55	100
410	2	411	1025	35	1.48	100	1	419	1300	-	1.77	100	3	413	1117	161	1.58	100
420	-	-	-	-	-	-	2	426	1125	106	1.46	100	2	426	1125	106	1.46	100
430	-	-	-	-	-	-	1	430	1300	-	1.64	100	1	430	1300	-	1.64	100
440	1	448	1400	-	1.56	100	1	444	1300	-	1.49	100	2	446	1350	71	1.52	100
470	-	-	-	-	-	-	1	477	2100	-	1.93	100	1	477	2100	-	1.93	100
480	1	483	2050	-	1.82	100	-	-	-	-	-	-	1	483	2050	-	1.82	100
TOTAL	21						21						43					
MEAN		384	945	303	1.63			395	1055	297	1.70			386	981	322	1.66	

Table 46. Biological data by length interval for lake whitefish caught by experimental gillnets (127mm mesh) in Area III, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
360	2	362	825	35	1.74	50	-	-	-	-	-	-	2	362	825	35	1.74	50
370	1	377	900	-	1.68	100	2	377	900	0	1.69	50	3	377	900	0	1.68	67
380	2	385	925	35	1.63	100	1	380	1000	-	1.82	100	3	383	950	50	1.69	100
390	2	397	925	106	1.48	100	3	395	967	153	1.57	100	5	395	950	122	1.54	100
400	1	403	900	-	1.38	100	4	407	1100	163	1.63	100	5	406	1060	167	1.58	100
410	2	415	1125	35	1.58	100	-	-	-	-	-	-	2	415	1125	35	1.58	100
420	2	424	1175	35	1.54	100	-	-	-	-	-	-	2	424	1175	35	1.54	100
450	-	-	-	-	-	-	1	451	1550	-	1.69	100	1	451	1550	-	1.69	100
470	1	479	1300	-	1.73	100	1	475	900	-	0.84	100	2	477	1400	707	1.28	100
TOTAL	13						12						25					
MEAN		402	1050	287	1.59			406	1046	208	1.58			404	1048	247	1.59	

Table 47. Biological data by length interval for lake whitefish caught by experimental gillnets (133mm mesh) in Area III, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
380	-	-	-	-	-	-	2	388	1000	141	1.72	100	2	388	1000	141	1.72	100
390	1	397	950	-	1.52	100	1	398	1050	-	1.67	100	2	398	1000	71	1.59	100
400	-	-	-	-	-	-	2	404	1225	35	1.86	100	2	404	1225	35	1.86	100
410	1	415	1200	-	1.68	100	2	416	1075	35	1.49	100	3	416	1117	76	1.56	100
420	1	422	1200	-	1.60	100	1	426	1300	-	1.68	100	2	424	1250	71	1.64	100
460	1	464	1700	-	1.70	100	-	-	-	-	-	-	1	464	1700	-	1.70	100
TOTAL	4						8						12					
MEAN		425	1263	315	1.62			405	1119	128	1.69			411	1167	206	1.67	

Table 48. Biological data by length interval for lake whitefish caught by experimental gillnets (139mm mesh) in Area III, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
330	-	-	-	-	-	-	1	337	700	-	1.83	0	1	337	700	-	1.83	0
360	1	361	750	-	1.59	100	-	-	-	-	-	-	1	361	750	-	1.59	100
390	1	395	900	-	1.46	100	-	-	-	-	-	-	1	395	900	-	1.46	100
410	1	412	1050	-	1.50	100	1	412	1050	-	1.50	100	2	412	1050	0	1.50	100
430	1	430	1500	-	1.89	100	-	-	-	-	-	-	1	430	1500	-	1.89	100
TOTAL MEAN	4	400	1050	324	1.61		2	375	875	247	1.67		6	391	992	289	1.63	

Table 49. Biological data by length interval for lake whitefish caught by experimental gillnets in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
100	-	-	-	-	-	-	-	-	-	-	-	-	1	107	50	-	4.08	0
120	1	129	150	-	6.99	100	-	-	-	-	-	-	2	125	100	71	4.90	50
130	-	-	-	-	-	-	1	132	50	-	2.17	0	1	132	50	-	2.17	0
140	-	-	-	-	-	-	-	-	-	-	-	-	1	148	50	-	1.54	0
150	1	157	50	-	1.29	0	2	156	50	0	1.33	0	15	157	48	6	1.25	0
160	7	168	86	75	1.81	0	4	164	50	0	1.13	0	49	165	56	30	1.23	0
170	5	173	50	0	0.96	0	9	175	56	17	1.04	0	62	174	53	12	1.01	0
180	14	185	82	25	1.30	0	8	185	69	26	1.09	0	68	184	64	23	1.02	0
190	12	193	100	52	1.38	0	9	195	89	22	1.19	0	59	194	86	32	1.18	0
200	4	204	125	50	1.47	0	11	204	95	27	1.14	0	25	203	100	29	1.19	0
210	4	214	125	29	1.27	0	4	215	125	29	1.25	0	11	214	118	25	1.20	0
220	6	226	225	137	1.93	0	4	223	150	0	1.36	0	13	224	181	99	1.59	0
230	16	235	169	31	1.30	6	8	235	163	23	1.25	0	39	235	163	30	1.25	3
240	19	245	221	132	1.51	5	18	245	192	31	1.30	0	46	245	215	114	1.47	2
250	28	255	220	39	1.32	11	22	254	197	23	1.21	5	62	254	207	34	1.26	6
260	45	264	253	46	1.38	7	32	265	233	37	1.26	13	87	264	244	42	1.32	8
270	36	274	282	34	1.37	3	32	274	270	31	1.31	3	76	274	278	35	1.35	3
280	33	285	315	32	1.37	18	32	284	324	49	1.41	9	68	285	318	40	1.38	13
290	22	294	343	47	1.35	14	15	294	353	64	1.40	7	41	294	345	55	1.36	10
300	28	304	407	151	1.45	18	13	304	396	43	1.41	0	42	304	402	125	1.43	12
310	19	314	442	51	1.43	21	23	314	474	60	1.53	22	42	314	460	58	1.48	21
320	19	324	503	49	1.48	37	11	325	495	61	1.44	18	32	324	502	52	1.47	30
330	21	334	536	74	1.44	38	15	334	557	50	1.49	60	36	334	544	65	1.46	47
340	20	344	590	118	1.45	55	20	344	628	92	1.54	30	40	344	609	106	1.49	43
350	25	355	700	69	1.56	72	20	355	718	83	1.61	75	46	355	705	76	1.58	73
360	28	365	754	85	1.56	79	28	365	741	148	1.53	79	56	365	747	120	1.54	79
370	28	374	820	76	1.57	96	25	374	859	91	1.64	96	53	374	838	85	1.60	96
380	24	385	881	84	1.54	88	36	383	888	147	1.58	94	60	384	885	125	1.57	92
	14	395	921	193	1.49	86	17	394	1009	213	1.65	94	31	394	969	206	1.59	90
	18	403	1033	91	1.58	100	30	404	1070	121	1.62	100	48	404	1056	111	1.61	100
	9	415	1131	118	1.58	100	11	413	1123	65	1.60	100	20	414	1126	90	1.59	100
	4	423	1225	65	1.62	100	8	422	1181	332	1.56	88	12	422	1196	268	1.58	92
	2	434	1200	141	1.47	100	1	433	1300	-	1.60	100	3	433	1233	115	1.52	100
	2	445	1325	35	1.50	100	-	-	-	-	-	-	2	445	1325	35	1.50	100
			-	-	-	-	2	462	1575	35	1.60	100	2	462	1575	35	1.60	100
			1750	-	1.61	100	2	475	1200	566	1.13	100	3	475	1383	511	1.29	100
			-	-	-	-	1	500	2100	-	1.68	100	1	500	2100	-	1.68	100
				312	1.46		474	315	540	365	1.43		1255	286	423	346	1.38	

Table 50. Biological data by length interval for lake whitefish caught by experimental gillnets (38mm mesh) in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
100	-	-	-	-	-	-	-	-	-	-	-	-	1	107	50	-	4.08	0
120	1	129	150	-	6.99	100	-	-	-	-	-	-	2	125	100	71	4.90	50
130	-	-	-	-	-	-	1	132	50	-	2.17	0	1	132	50	-	2.17	0
140	-	-	-	-	-	-	-	-	-	-	-	-	1	148	50	-	1.54	0
150	1	157	50	-	1.29	0	2	156	50	0	1.33	0	15	157	48	6	1.25	0
160	6	168	58	20	1.25	0	4	164	50	0	1.13	0	47	165	52	11	1.15	0
170	5	173	50	0	0.96	0	9	175	56	17	1.04	0	60	174	53	13	1.01	0
180	14	185	82	25	1.30	0	8	185	69	26	1.09	0	68	184	64	23	1.02	0
190	11	193	86	23	1.21	0	9	195	89	22	1.19	0	58	194	84	24	1.14	0
200	3	202	100	0	1.21	0	11	204	95	27	1.14	0	24	203	96	20	1.15	0
210	2	214	125	35	1.29	0	4	215	125	29	1.25	0	9	214	117	25	1.19	0
220	1	227	450	-	3.85	0	2	223	150	0	1.36	0	5	223	200	141	1.77	0
230	-	-	-	-	-	-	-	-	-	-	-	-	1	237	150	-	1.13	0
240	-	-	-	-	-	-	2	244	200	0	1.39	0	2	244	200	0	1.39	0
250	1	255	250	-	1.51	0	1	255	230	-	1.39	0	2	255	240	14	1.45	0
260	1	269	200	-	1.03	0	-	-	-	-	-	-	1	269	200	-	1.03	0
280	1	287	300	-	1.27	0	1	282	350	-	1.56	0	2	285	325	35	1.41	0
300	1	303	350	-	1.26	0	-	-	-	-	-	-	1	303	350	-	1.26	0
310	1	314	450	-	1.45	0	-	-	-	-	-	-	1	314	450	-	1.45	0
330	1	334	500	-	1.34	0	2	333	500	0	1.35	50	3	333	500	0	1.35	33
350	1	350	700	-	1.63	100	-	-	-	-	-	-	1	350	700	-	1.63	100
360	-	-	-	-	-	-	1	368	900	-	1.81	100	1	368	900	-	1.81	100
370	1	375	850	-	1.61	100	-	-	-	-	-	-	1	375	850	-	1.61	100
380	-	-	-	-	-	-	2	381	825	106	1.50	100	2	381	825	106	1.50	100
390	1	390	1000	-	1.69	100	1	390	1150	-	1.94	100	2	390	1075	106	1.81	100
400	-	-	-	-	-	-	1	402	1000	-	1.54	100	1	402	1000	-	1.54	100
410	1	418	1175	-	1.61	100	-	-	-	-	-	-	1	418	1175	-	1.61	100
TOTAL	54						61						313					
MEAN		211	179	243	1.42			214	176	250	1.23			192	105	160	1.17	

Table 51. Biological data by length interval for lake whitefish caught by experimental gillnets (64mm mesh) in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
160	1	169	250	-	5.18	0	-	-	-	-	-	-	2	169	150	141	3.12	0
170	-	-	-	-	-	-	-	-	-	-	-	-	1	173	50	-	0.97	0
190	1	196	250	-	3.32	0	-	-	-	-	-	-	1	196	250	-	3.32	0
200	1	207	200	-	2.25	0	-	-	-	-	-	-	1	207	200	-	2.25	0
210	2	215	125	35	1.26	0	-	-	-	-	-	-	2	215	125	35	1.26	0
220	5	226	180	91	1.55	0	2	223	150	0	1.35	0	8	225	169	70	1.47	0
230	16	235	169	31	1.30	6	8	235	163	23	1.25	0	38	235	163	30	1.26	3
240	19	245	221	132	1.51	5	16	245	191	33	1.29	0	44	245	216	117	1.48	2
250	26	255	217	40	1.30	12	21	254	196	23	1.20	5	59	254	205	33	1.25	7
260	39	264	250	44	1.36	8	32	265	233	37	1.26	13	80	264	241	40	1.31	9
270	31	273	279	34	1.36	3	28	274	270	31	1.31	4	63	274	275	33	1.34	3
280	19	285	316	34	1.36	16	23	284	317	44	1.38	9	45	285	316	38	1.37	11
290	12	294	358	29	1.42	17	9	293	372	71	1.48	0	24	293	356	54	1.41	8
300	11	304	345	82	1.24	18	7	303	393	53	1.40	0	19	304	363	72	1.30	11
310	6	313	442	58	1.44	33	9	314	483	56	1.56	22	15	314	467	59	1.51	27
320	4	323	563	48	1.67	25	5	325	530	57	1.55	20	10	324	545	50	1.60	22
330	5	334	510	65	1.37	60	3	334	550	50	1.47	33	8	334	525	60	1.41	50
340	7	344	550	163	1.36	57	4	344	625	144	1.53	25	11	344	577	154	1.42	45
350	3	353	600	87	1.37	67	3	353	650	0	1.47	67	6	353	625	61	1.42	67
360	6	365	692	107	1.42	100	6	364	683	232	1.42	83	12	365	688	172	1.42	92
370	2	375	750	71	1.43	100	5	375	846	55	1.61	100	7	375	819	71	1.56	100
380	3	386	850	87	1.48	100	4	383	688	259	1.23	75	7	384	757	209	1.34	86
390	-	-	-	-	-	-	3	394	700	304	1.15	67	3	394	700	304	1.15	67
400	2	401	925	35	1.43	100	2	405	975	35	1.47	100	4	403	950	41	1.45	100
410	-	-	-	-	-	-	2	414	1125	35	1.59	100	2	414	1125	35	1.59	100
420	1	427	1200	-	1.54	100	2	423	900	707	1.18	50	3	424	1000	529	1.30	67
430	-	-	-	-	-	-	1	433	1300	-	1.60	100	1	433	1300	-	1.60	100
460	-	-	-	-	-	-	1	462	1600	-	1.62	100	1	462	1600	-	1.62	100
TOTAL	222						196						477					
MEAN		279	321	176	1.41			291	369	249	1.35			281	328	208	1.37	

Table 52. Biological data by length interval for lake whitefish caught by experimental gillnets (89mm mesh) in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
170	-	-	-	-	-	-	-	-	-	-	-	-	1	172	50	-	0.98	0
250	1	257	250	-	1.47	0	-	-	-	-	-	-	1	257	250	-	1.47	0
260	5	265	290	42	1.56	0	-	-	-	-	-	-	6	265	283	41	1.52	0
270	5	276	300	35	1.43	0	4	278	275	29	1.28	0	13	276	292	40	1.39	0
280	13	283	315	32	1.38	23	8	285	338	64	1.46	13	21	284	324	46	1.41	19
290	9	295	328	62	1.27	11	6	294	325	42	1.27	17	16	295	331	54	1.29	13
300	12	304	404	40	1.44	0	6	304	400	32	1.43	0	18	304	403	36	1.44	0
310	12	314	442	51	1.42	17	14	314	468	64	1.51	21	26	314	456	59	1.47	19
320	14	324	489	35	1.44	43	6	326	467	52	1.35	17	20	325	483	41	1.41	35
330	14	333	543	81	1.46	29	8	334	569	53	1.52	75	22	334	552	72	1.48	45
340	11	344	609	92	1.49	55	13	344	627	88	1.54	23	24	344	619	88	1.52	38
350	12	356	704	58	1.57	67	9	355	728	100	1.62	100	22	356	709	80	1.58	81
360	9	364	756	88	1.57	67	6	363	742	199	1.54	83	15	364	750	136	1.56	73
370	8	374	813	83	1.55	88	9	372	822	75	1.59	39	17	373	818	77	1.57	88
380	7	384	836	85	1.48	71	13	383	892	143	1.59	92	20	383	873	126	1.55	85
390	5	394	830	297	1.36	60	3	395	1033	104	1.67	100	8	394	906	254	1.47	75
400	3	404	1017	126	1.54	100	9	403	1017	173	1.55	100	12	404	1017	157	1.55	100
410	1	414	1000	-	1.41	100	1	412	1000	-	1.43	100	2	413	1000	0	1.42	100
420	2	421	1225	106	1.64	100	2	421	1175	35	1.57	100	4	421	1200	71	1.61	100
440	1	442	1350	-	1.56	100	-	-	-	-	-	-	1	442	1350	-	1.56	100
460	-	-	-	-	-	-	1	461	1550	-	1.58	100	1	461	1550	-	1.58	100
TOTAL	144						118						270					
MEAN		332	564	234	1.46			345	656	268	1.51			336	596	256	1.48	

Table 53. Biological data by length interval for lake whitefish caught by experimental gillnets (114mm mesh) in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
290	1	293	300	-	1.19	0	-	-	-	-	-	-	1	293	300	-	1.19	0
320	1	325	450	-	1.31	0	-	-	-	-	-	-	2	326	475	35	1.37	0
330	1	334	600	-	1.61	100	2	337	575	35	1.50	50	3	336	583	29	1.54	67
340	2	346	625	35	1.52	50	-	-	-	-	-	-	2	346	625	35	1.52	50
350	8	357	725	60	1.60	88	7	354	707	19	1.59	43	15	355	717	45	1.60	67
360	11	365	782	64	1.61	73	10	365	740	61	1.52	80	21	365	762	65	1.57	76
370	13	373	812	71	1.57	100	8	375	894	127	1.69	100	21	374	843	102	1.61	100
380	6	384	900	95	1.58	100	4	387	938	85	1.62	100	10	385	915	88	1.60	100
390	3	398	983	153	1.56	100	5	393	1030	157	1.69	100	8	395	1013	146	1.64	100
400	3	403	1050	87	1.60	100	4	403	1088	75	1.66	100	7	403	1071	76	1.64	100
410	4	415	1188	149	1.66	100	3	413	1133	58	1.60	100	7	414	1164	114	1.64	100
420	-	-	-	-	-	-	2	426	1400	0	1.82	100	2	426	1400	0	1.82	100
430	1	433	1100	-	1.35	100	-	-	-	-	-	-	1	433	1100	-	1.35	100
470	1	477	1750	-	1.61	100	2	475	1200	566	1.13	100	3	475	1383	511	1.29	100
TOTAL	55						47						103					
MEAN		375	848	221	1.58			382	904	229	1.60			378	870	227	1.59	

Table 54. Biological data by length interval for lake whitefish caught by experimental gillnets (127mm mesh) in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
360	1	362	800	-	1.69	100	2	364	800	141	1.66	50	3	363	800	100	1.67	67
370	3	375	883	76	1.68	100	-	-	-	-	-	-	3	375	883	76	1.68	100
380	1	389	850	-	1.44	100	2	385	850	0	1.50	100	3	386	850	0	1.48	100
390	3	394	950	50	1.55	100	1	399	1250	-	1.97	100	4	396	1025	155	1.65	100
400	4	401	988	48	1.54	100	4	407	1113	25	1.65	100	8	404	1050	76	1.60	100
410	2	414	1100	71	1.55	100	2	412	1100	0	1.57	100	4	413	1100	41	1.56	100
430	1	434	1300	-	1.59	100	-	-	-	-	-	-	1	434	1300	-	1.59	100
TOTAL	15						11						26					
MEAN		395	973	131	1.58			395	1018	166	1.64			395	992	145	1.60	

Table 55. Biological data by length interval for lake whitefish caught by experimental gillnets (133mm mesh) in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
300	1	305	500	-	1.76	100	-	-	-	-	-	-	1	305	500	-	1.76	100
340	-	-	-	-	-	-	1	344	600	-	1.47	100	1	344	600	-	1.47	100
360	1	364	750	-	1.56	100	1	367	650	-	1.31	0	2	366	700	71	1.44	50
370	-	-	-	-	-	-	2	378	900	0	1.67	100	2	378	900	0	1.67	100
380	4	384	913	75	1.61	100	9	383	950	75	1.69	100	13	383	938	74	1.67	100
390	1	397	1050	-	1.68	100	3	393	1100	100	1.81	100	4	394	1088	85	1.78	100
400	6	404	1100	71	1.67	100	3	403	1050	50	1.60	100	9	404	1083	66	1.64	100
410	-	-	-	-	-	-	3	412	1167	76	1.67	100	3	412	1167	76	1.67	100
420	-	-	-	-	-	-	1	421	1200	-	1.61	100	1	421	1200	-	1.61	100
TOTAL	13						23						36					
MEAN		387	965	190	1.65			389	989	160	1.66			388	981	169	1.66	

Table 56. Biological data by length interval for lake whitefish caught by experimental gillnets (139mm mesh) in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
300	3	307	633	404	2.20	67	-	-	-	-	-	-	3	307	633	404	2.20	67
340	-	-	-	-	-	-	2	346	650	71	1.57	50	2	346	650	71	1.57	50
350	1	356	750	-	1.66	0	1	355	900	-	2.01	100	2	356	825	106	1.84	50
360	-	-	-	-	-	-	2	365	825	35	1.70	100	2	365	825	35	1.70	100
370	1	377	900	-	1.68	100	1	378	900	-	1.67	100	2	378	900	0	1.67	100
380	3	388	950	50	1.62	67	2	381	975	35	1.77	100	5	385	960	42	1.68	80
390	1	399	900	-	1.42	100	1	391	1100	-	1.84	100	2	395	1000	141	1.63	100
400	-	-	-	-	-	-	7	405	1150	96	1.74	100	7	405	1150	96	1.74	100
410	1	414	1050	-	1.48	100	-	-	-	-	-	-	1	414	1050	-	1.48	100
420	1	421	1250	-	1.68	100	1	420	1300	-	1.75	100	2	421	1275	35	1.71	100
440	1	448	1300	-	1.45	100	-	-	-	-	-	-	1	448	1300	-	1.45	100
500	-	-	-	-	-	-	1	500	2100	-	1.68	100	1	500	2100	-	1.68	100
TOTAL	12						18						30					
MEAN		375	908	283	1.74			392	1069	323	1.73			385	1005	313	1.73	

Table 57. Biological data by length interval for lake whitefish caught by experimental gillnets in Area V, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
100	-	-	-	-	-	-	-	-	-	-	-	-	2	106	75	35	6.30	0
110	-	-	-	-	-	-	1	119	150	-	8.90	0	4	115	100	41	6.57	0
120	-	-	-	-	-	-	-	-	-	-	-	-	1	121	150	-	8.47	0
130	-	-	-	-	-	-	1	131	150	-	6.67	0	1	131	150	-	6.67	0
140	-	-	-	-	-	-	-	-	-	-	-	-	1	147	50	-	1.57	0
150	-	-	-	-	-	-	-	-	-	-	-	-	4	156	50	0	1.31	0
160	1	167	50	-	1.07	0	1	163	50	-	1.15	0	29	165	57	22	1.27	0
170	1	178	100	-	1.77	0	-	-	-	-	-	-	40	175	61	27	1.15	0
180	2	183	100	0	1.65	0	1	185	100	-	1.58	0	59	184	81	26	1.30	0
190	3	194	100	0	1.37	0	2	195	100	0	1.35	0	51	195	99	23	1.34	0
200	-	-	-	-	-	-	-	-	-	-	-	-	53	204	102	17	1.20	0
210	7	215	129	27	1.30	0	4	213	150	0	1.56	0	50	213	112	22	1.15	0
220	2	224	150	0	1.34	0	2	227	275	177	2.39	0	24	224	140	61	1.24	0
230	6	234	167	41	1.30	0	6	234	225	160	1.79	0	22	233	170	92	1.35	0
240	8	245	169	26	1.15	0	3	247	167	29	1.11	0	18	245	164	38	1.11	0
250	10	255	215	24	1.30	20	12	254	233	148	1.42	0	31	254	219	92	1.34	6
260	8	265	231	37	1.24	0	8	265	225	38	1.21	0	19	265	224	56	1.20	0
270	19	274	247	35	1.20	5	9	276	250	0	1.19	11	31	275	250	29	1.20	6
280	24	285	310	129	1.34	13	11	283	295	27	1.30	9	38	285	299	111	1.29	11
290	25	294	310	32	1.22	4	20	295	325	41	1.27	10	48	294	315	40	1.24	6
300	21	304	360	46	1.28	19	21	305	350	39	1.24	0	43	304	353	43	1.25	9
310	23	314	413	53	1.33	13	16	314	406	51	1.31	6	39	314	410	52	1.32	10
320	18	324	444	42	1.31	6	20	324	425	38	1.25	5	39	324	433	40	1.27	5
330	16	335	494	31	1.32	31	23	335	478	47	1.27	4	39	335	485	42	1.29	15
340	22	344	539	84	1.33	36	22	345	530	72	1.29	41	45	344	527	91	1.29	38
350	18	354	608	60	1.37	44	11	353	568	56	1.30	9	29	353	593	61	1.34	31
360	19	364	650	78	1.35	79	17	364	653	51	1.35	65	36	364	651	66	1.35	72
370	18	375	736	66	1.40	83	17	375	738	65	1.40	71	35	375	737	65	1.40	77
380	24	385	871	284	1.53	75	20	384	765	71	1.35	85	44	385	823	220	1.45	80
390	34	394	849	82	1.39	94	28	394	864	130	1.41	100	62	394	856	106	1.40	97
400	29	404	933	106	1.41	93	30	405	917	138	1.38	97	59	405	925	123	1.40	95
410	24	414	944	86	1.33	88	18	416	1003	88	1.40	100	42	415	969	91	1.36	93
420	23	425	1052	152	1.37	96	33	424	1126	104	1.48	100	56	424	1096	130	1.44	98
430	12	435	1158	90	1.41	92	16	435	1184	103	1.44	100	28	435	1173	97	1.43	96
440	14	443	1214	53	1.40	100	9	444	1278	160	1.46	100	23	443	1239	110	1.42	100
450	9	454	1328	106	1.42	89	7	454	1119	511	1.19	86	16	454	1236	349	1.32	88
460	3	462	1367	115	1.38	100	8	465	1475	107	1.47	100	11	464	1445	115	1.44	100
470	6	476	1567	154	1.46	100	5	472	1480	164	1.41	100	11	474	1527	157	1.43	100
480	1	480	1450	-	1.31	100	4	484	1450	265	1.28	100	5	483	1450	229	1.29	100
TOTAL	450						406						1188					
MEAN		350	646	361	1.35			358	691	375	1.39			310	510	404	1.35	

Table 58. Biological data by length interval for lake whitefish caught by experimental gillnets (38mm mesh) in Area V, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
100	-	-	-	-	-	-	-	-	-	-	-	-	2	106	75	35	6.30	0
110	-	-	-	-	-	-	1	119	150	-	8.90	0	4	115	100	41	6.57	0
120	-	-	-	-	-	-	-	-	-	-	-	-	1	121	150	-	8.47	0
130	-	-	-	-	-	-	1	131	150	-	6.67	0	1	131	150	-	6.67	0
140	-	-	-	-	-	-	-	-	-	-	-	-	1	147	50	-	1.57	0
150	-	-	-	-	-	-	-	-	-	-	-	-	4	156	50	0	1.31	0
160	1	167	50	-	1.07	0	1	163	50	-	1.15	0	29	165	57	22	1.27	0
170	1	178	100	-	1.77	0	-	-	-	-	-	-	40	175	61	27	1.15	0
180	2	183	100	0	1.65	0	1	185	100	-	1.58	0	59	184	81	26	1.30	0
190	3	194	100	0	1.37	0	2	195	100	0	1.35	0	51	195	99	23	1.34	0
200	-	-	-	-	-	-	-	-	-	-	-	-	53	204	102	17	1.20	0
210	7	215	129	27	1.30	0	4	213	150	0	1.56	0	49	213	111	21	1.15	0
220	2	224	150	0	1.34	0	1	228	150	-	1.27	0	21	224	126	26	1.13	0
230	4	235	150	0	1.16	0	1	234	150	-	1.17	0	12	234	138	31	1.07	0
240	1	244	200	-	1.38	0	1	249	150	-	0.97	0	5	246	140	55	0.94	0
250	2	255	225	35	1.36	0	-	-	-	-	-	-	2	255	225	35	1.36	0
260	1	260	200	-	1.14	0	-	-	-	-	-	-	2	264	125	106	0.70	0
270	2	274	275	35	1.34	0	-	-	-	-	-	-	2	274	275	35	1.34	0
280	2	285	275	35	1.19	50	1	280	300	-	1.37	0	4	284	225	119	0.99	25
290	3	295	317	29	1.23	0	3	295	317	29	1.23	33	6	295	317	26	1.23	17
300	1	302	350	-	1.27	0	1	304	350	-	1.25	0	3	302	333	29	1.21	0
310	2	315	400	0	1.29	0	1	313	350	-	1.14	0	3	314	383	29	1.24	0
320	-	-	-	-	-	-	1	324	400	-	1.18	0	1	324	400	-	1.18	0
330	1	332	500	-	1.37	0	1	335	450	-	1.20	0	2	334	475	35	1.28	0
340	1	344	500	-	1.23	0	1	341	550	-	1.39	100	2	343	525	35	1.31	50
350	1	356	600	-	1.33	0	-	-	-	-	-	-	1	356	600	-	1.33	0
360	1	368	600	-	1.20	100	1	369	650	-	1.29	100	2	369	625	35	1.25	100
370	-	-	-	-	-	-	1	370	650	-	1.28	100	1	370	650	-	1.28	100
380	-	-	-	-	-	-	1	381	650	-	1.18	0	1	381	650	-	1.18	0
390	2	393	900	141	1.48	100	4	394	888	25	1.45	100	6	394	892	66	1.46	100
400	3	404	933	58	1.42	100	1	402	900	-	1.39	100	4	404	925	50	1.41	100
410	2	415	925	35	1.29	100	2	419	1125	106	1.54	100	4	417	1025	132	1.41	100
420	1	427	1150	-	1.48	100	3	423	1100	0	1.45	100	4	424	1113	25	1.46	100
430	-	-	-	-	-	-	2	435	1200	71	1.46	100	2	435	1200	71	1.46	100
440	3	442	1233	29	1.43	100	1	448	1550	-	1.72	100	4	444	1313	160	1.50	100
450	1	455	1550	-	1.65	100	1	455	500	-	0.53	100	2	455	1025	742	1.09	100
460	1	465	1500	-	1.49	100	-	-	-	-	-	-	1	465	1500	-	1.49	100
470	1	475	1400	-	1.31	100	1	471	1600	-	1.53	100	2	473	1500	141	1.42	100
TOTAL	52						40						393					
MEAN		298	470	437	1.34			320	576	446	1.67			220	189	281	1.35	

Table 59. Biological data by length interval for lake whitefish caught by experimental gillnets (64mm mesh) in Area V, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
210	-	-	-	-	-	-	-	-	-	-	-	-	1	219	150	-	1.43	0
220	-	-	-	-	-	-	1	225	400	-	3.51	0	3	226	233	144	2.03	0
230	2	233	200	71	1.58	0	4	234	163	25	1.26	0	9	233	172	36	1.36	0
240	7	245	164	24	1.11	0	2	247	175	35	1.17	0	13	245	173	26	1.18	0
250	8	255	213	23	1.29	25	12	254	233	148	1.42	0	29	254	219	95	1.34	7
260	7	265	236	38	1.26	0	8	265	225	38	1.21	0	17	265	235	39	1.26	0
270	17	275	244	35	1.18	6	8	276	250	0	1.19	13	28	275	248	29	1.20	7
280	20	285	315	142	1.36	10	10	284	295	28	1.29	10	32	285	308	112	1.33	9
290	17	293	300	25	1.19	6	13	295	331	38	1.29	8	33	294	311	39	1.22	6
300	11	303	336	39	1.21	18	16	305	347	43	1.23	0	27	304	343	41	1.22	7
310	11	314	423	61	1.36	9	13	314	412	55	1.33	8	24	314	417	56	1.34	8
320	10	323	450	47	1.34	10	7	325	436	38	1.27	0	18	324	442	43	1.30	6
330	4	336	500	41	1.32	25	11	336	486	45	1.29	0	15	336	490	43	1.29	7
340	6	343	517	82	1.28	33	3	342	450	87	1.13	0	10	343	465	123	1.16	20
350	7	356	621	64	1.38	43	2	352	525	35	1.20	50	9	355	600	71	1.34	44
360	4	364	588	25	1.22	100	2	364	600	71	1.25	0	6	364	592	38	1.23	67
370	4	376	675	50	1.28	75	3	375	750	50	1.42	100	7	375	707	61	1.34	86
380	4	386	713	25	1.24	75	3	383	783	29	1.39	100	7	385	743	45	1.31	86
390	4	393	813	25	1.34	75	4	395	863	138	1.40	100	8	394	838	95	1.37	88
400	5	404	890	129	1.35	100	2	402	575	318	0.89	50	7	403	800	227	1.22	86
410	2	418	925	106	1.27	50	-	-	-	-	-	-	2	418	925	106	1.27	50
420	2	423	950	0	1.26	100	-	-	-	-	-	-	2	423	950	0	1.26	100
430	1	434	1250	-	1.53	100	3	437	1167	29	1.39	100	4	437	1188	48	1.43	100
450	2	457	1375	106	1.44	100	1	450	1100	-	1.21	100	3	455	1283	176	1.36	100
460	1	460	1300	-	1.34	100	-	-	-	-	-	-	1	460	1300	-	1.34	100
TOTAL	156						128						315					
MEAN		313	432	254	1.28			309	406	218	1.30			306	401	235	1.29	

Table 60. Biological data by length interval for lake whitefish caught by experimental gillnets (89mm mesh) in Area V, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
230	-	-	-	-	-	-	1	230	550	-	4.52	0	1	230	550	-	4.52	0
270	-	-	-	-	-	-	1	277	250	-	1.18	0	1	277	250	-	1.18	0
280	2	289	300	0	1.24	0	-	-	-	-	-	-	2	289	300	0	1.24	0
290	4	294	350	41	1.37	0	4	294	313	63	1.23	0	8	294	331	53	1.30	0
300	8	307	388	44	1.34	25	4	306	363	25	1.27	0	12	306	379	40	1.32	17
310	10	315	405	50	1.30	20	2	313	400	0	1.30	0	12	315	404	45	1.30	17
320	8	325	438	35	1.27	0	12	324	421	40	1.24	8	20	324	428	38	1.25	5
330	10	334	495	28	1.32	40	11	334	473	52	1.27	9	21	334	483	43	1.29	24
340	15	344	550	89	1.35	40	16	345	528	52	1.28	44	31	345	539	72	1.32	42
350	8	352	588	58	1.34	50	7	352	586	56	1.34	0	15	352	587	55	1.34	27
360	9	363	656	68	1.37	56	12	365	658	51	1.36	67	21	364	657	58	1.36	62
370	9	374	744	63	1.42	78	8	376	725	46	1.37	63	17	375	735	55	1.40	71
380	9	385	1022	424	1.79	78	7	384	736	80	1.30	71	16	384	897	346	1.58	75
390	9	394	872	115	1.43	100	12	394	858	177	1.40	100	21	394	864	150	1.41	100
400	3	406	917	202	1.36	100	10	404	950	71	1.44	100	13	404	942	104	1.43	100
410	4	414	913	155	1.29	50	5	416	970	115	1.35	100	9	415	944	129	1.32	78
420	7	424	979	104	1.29	100	5	425	1210	82	1.57	100	12	424	1075	150	1.41	100
430	2	432	1250	141	1.55	100	-	-	-	-	-	-	2	432	1250	141	1.55	100
440	1	440	1150	-	1.35	100	1	443	1350	-	1.55	100	2	442	1250	141	1.45	100
450	-	-	-	-	-	-	1	450	331	-	0.36	0	1	450	331	-	0.36	0
460	-	-	-	-	-	-	1	465	1400	-	1.39	100	1	465	1400	-	1.39	100
470	1	479	1800	-	1.64	100	-	-	-	-	-	-	1	479	1800	-	1.64	100
TOTAL	119						120						239					
MEAN		358	663	289	1.38			362	664	255	1.35			360	664	272	1.37	

Table 61. Biological data by length interval for lake whitefish caught by experimental gillnets (114mm mesh) in Area V, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
290	1	290	300	-	1.23	0	-	-	-	-	-	-	1	290	300	-	1.23	0
300	1	305	400	-	1.41	0	-	-	-	-	-	-	1	305	400	-	1.41	0
330	1	333	450	-	1.22	0	-	-	-	-	-	-	1	333	450	-	1.22	0
340	-	-	-	-	-	-	2	346	650	71	1.57	50	2	346	650	71	1.57	50
350	1	355	600	-	1.34	0	2	355	550	71	1.24	0	3	355	567	58	1.27	0
360	2	363	600	0	1.26	100	2	361	675	35	1.43	100	4	362	638	48	1.35	100
370	4	376	763	63	1.44	100	3	374	767	104	1.46	67	7	375	764	75	1.45	86
380	7	384	764	38	1.35	71	7	384	793	61	1.40	100	14	384	779	51	1.38	86
390	15	395	830	59	1.35	93	6	395	833	82	1.36	100	21	395	831	64	1.35	95
400	10	404	915	47	1.39	100	11	406	900	87	1.35	100	21	405	907	69	1.37	100
410	10	414	970	71	1.37	100	7	416	1000	58	1.39	100	17	415	982	66	1.38	100
420	6	425	1017	98	1.33	100	8	423	1031	53	1.36	100	14	424	1025	73	1.35	100
430	2	436	1075	35	1.30	50	2	437	1150	0	1.38	100	4	436	1113	48	1.34	75
440	7	443	1207	61	1.39	100	4	442	1188	144	1.37	100	11	443	1200	92	1.38	100
450	4	453	1288	25	1.39	75	1	456	1300	-	1.37	100	5	453	1290	22	1.38	80
460	-	-	-	-	-	-	1	463	1550	-	1.56	100	1	463	1550	-	1.56	100
470	3	474	1550	132	1.46	100	2	473	1350	71	1.28	100	5	474	1470	148	1.38	100
480	1	480	1450	-	1.31	100	1	484	1700	-	1.50	100	2	482	1575	177	1.41	100
TOTAL	75						59						134					
MEAN		407	941	247	1.36			408	950	229	1.38			407	945	238	1.37	

Table 62. Biological data by length interval for lake whitefish caught by experimental gillnets (127mm mesh) in Area V, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
360	2	364	800	0	1.66	100	-	-	-	-	-	-	2	364	800	0	1.66	100
370	1	375	800	-	1.52	100	2	377	775	106	1.45	50	3	376	783	76	1.47	67
380	-	-	-	-	-	-	1	389	750	-	1.27	100	1	389	750	-	1.27	100
390	1	393	850	-	1.40	100	2	394	950	0	1.55	100	3	394	917	58	1.50	100
400	3	405	1000	150	1.50	67	2	406	950	71	1.42	100	5	405	980	115	1.47	80
410	2	415	925	106	1.29	100	3	412	983	76	1.41	100	5	413	960	82	1.36	100
420	2	424	1125	35	1.48	50	7	422	1121	95	1.49	100	9	423	1122	83	1.49	89
430	1	432	1100	-	1.36	100	4	435	1150	41	1.40	100	5	434	1140	42	1.39	100
440	1	448	1200	-	1.33	100	-	-	-	-	-	-	1	448	1200	-	1.33	100
450	1	455	1300	-	1.38	100	-	-	-	-	-	-	1	455	1300	-	1.38	100
460	-	-	-	-	-	-	3	468	1533	144	1.50	100	3	468	1533	144	1.50	100
470	1	477	1550	-	1.43	100	-	-	-	-	-	-	1	477	1550	-	1.43	100
480	-	-	-	-	-	-	1	485	1400	-	1.23	100	1	485	1400	-	1.23	100
TOTAL	15						25						40					
MEAN		413	1033	218	1.45			422	1100	229	1.44			419	1075	225	1.45	

Table 63. Biological data by length interval for lake whitefish caught by experimental gillnets (133mm mesh) in Area V, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
380	3	387	867	115	1.49	67	1	388	850	-	1.46	100	4	388	863	95	1.48	75
390	3	396	883	104	1.42	100	-	-	-	-	-	-	3	396	883	104	1.42	100
400	3	406	1050	100	1.57	100	4	406	1038	75	1.55	100	7	406	1043	79	1.56	100
410	1	410	1000	-	1.45	100	1	415	1000	-	1.40	100	2	413	1000	0	1.43	100
420	1	429	1100	-	1.39	100	7	425	1179	125	1.54	100	8	425	1169	119	1.52	100
430	5	435	1150	79	1.39	100	2	432	1300	283	1.62	100	7	434	1193	151	1.46	100
440	1	441	1300	-	1.52	100	1	440	1300	-	1.53	100	2	441	1300	0	1.52	100
450	1	450	1200	-	1.32	100	2	457	1575	35	1.65	100	3	455	1450	218	1.54	100
460	-	-	-	-	-	-	3	463	1417	58	1.43	100	3	463	1417	58	1.43	100
470	-	-	-	-	-	-	2	472	1550	212	1.48	100	2	472	1550	212	1.48	100
480	-	-	-	-	-	-	2	484	1350	354	1.19	100	2	484	1350	354	1.19	100
TOTAL	18						25						43					
MEAN		415	1042	156	1.45			437	1254	234	1.50			428	1165	229	1.48	

Table 64. Biological data by length interval for lake whitefish caught by experimental gillnets (139mm mesh) in Area V, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
350	1	350	700	-	1.63	100	-	-	-	-	-	-	1	350	700	-	1.63	100
360	1	367	700	-	1.42	100	-	-	-	-	-	-	1	367	700	-	1.42	100
380	1	382	900	-	1.61	100	-	-	-	-	-	-	1	382	900	-	1.61	100
400	2	404	875	35	1.33	50	-	-	-	-	-	-	2	404	875	35	1.33	50
410	3	413	917	76	1.30	100	-	-	-	-	-	-	3	413	917	76	1.30	100
420	4	426	1213	259	1.57	100	3	424	1150	100	1.51	100	7	425	1186	195	1.54	100
430	1	437	1150	-	1.38	100	3	434	1183	126	1.45	100	4	435	1175	104	1.43	100
440	1	440	1200	-	1.41	100	2	447	1275	177	1.43	100	3	445	1250	132	1.42	100
450	-	-	-	-	-	-	1	453	1450	-	1.56	100	1	453	1450	-	1.56	100
460	1	462	1300	-	1.32	100	-	-	-	-	-	-	1	462	1300	-	1.32	100
TOTAL	15						9						24					
MEAN		413	1020	237	1.44			436	1222	142	1.48			421	1096	226	1.45	

Table 65. Biological data by age group for lake whitefish caught by experimental gillnets, Great Slave Lake, 1980-81.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	186	-	50	-	0.78	0
2	2	172	9.2	100	0	2.00	0	6	180	12.1	100	32	1.69	0	165	175	15.4	62	24	1.17	0
3	56	205	29.9	123	65	1.32	2	62	201	25.7	112	45	1.42	0	598	194	21.9	92	40	1.26	0
4	48	232	47.0	186	143	1.28	2	62	216	38.4	139	80	1.25	3	252	210	37.5	122	92	1.16	1
5	161	270	32.7	274	106	1.37	6	131	270	31.1	263	105	1.27	1	366	266	31.4	256	105	1.32	3
6	215	286	35.0	322	132	1.34	13	191	286	34.8	325	144	1.37	9	474	282	34.4	309	134	1.33	9
7	197	313	37.5	439	180	1.37	21	183	318	41.5	456	217	1.35	14	390	315	39.6	443	198	1.36	17
8	139	348	43.4	645	279	1.47	43	124	348	44.1	634	301	1.42	38	268	347	43.9	634	290	1.44	40
9	150	371	35.6	788	251	1.50	67	158	366	37.7	751	269	1.47	66	310	368	36.7	767	260	1.49	66
10	175	390	32.7	917	247	1.51	83	187	390	32.4	930	261	1.53	81	363	390	32.5	923	254	1.52	82
11	181	407	42.2	1041	383	1.50	87	159	408	40.1	1067	374	1.53	95	341	407	41.2	1055	379	1.51	91
12	77	413	41.3	1077	373	1.50	91	105	421	42.0	1197	394	1.56	97	182	418	41.8	1146	389	1.53	95
13	36	465	49.1	1484	469	1.55	100	43	448	45.1	1372	424	1.49	100	79	451	46.8	1423	446	1.52	100
14	18	456	40.4	1447	450	1.48	100	18	450	35.2	1414	385	1.52	100	36	453	37.5	1431	413	1.50	100
15	9	472	44.4	1478	485	1.38	100	13	476	45.9	1696	517	1.53	100	22	475	44.3	1607	504	1.47	100
16	7	495	49.5	1886	515	1.52	100	2	551	50.2	1775	106	1.10	100	9	507	52.4	1861	451	1.43	100
17	1	360	-	600	-	1.29	100	4	539	10.4	2775	433	1.76	100	5	503	80.6	2340	1042	1.67	100
18	4	542	27.8	2563	217	1.62	100	5	526	12.1	2270	249	1.56	100	9	533	20.8	2400	269	1.58	100
19	-	-	-	-	-	-	-	1	489	-	2100	-	1.80	100	1	489	-	2100	-	1.80	100
TOTAL	1476							1454							3871						
MEAN		340	75	659	452	1.43			342	78.9	686	485	1.43			307	91.4	535	476	1.38	
MEAN AGE		7.1																			

Table 66. Biological data by age group for lake whitefish caught by experimental gillnets (38mm mesh), Great Slave Lake, 1980-81.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	186	-	50	-	0.78	0
2	2	172	9.2	100	0	2.00	0	6	180	12.1	100	32	1.69	0	165	175	15.4	62	24	1.17	0
3	45	194	18.4	100	37	1.32	0	51	193	21.0	101	38	1.45	0	562	191	19.1	87	31	1.26	0
4	23	192	18.8	89	37	1.21	0	39	191	22.5	90	48	1.22	0	185	192	19.0	81	36	1.11	0
5	12	237	54.6	208	114	1.76	8	16	246	36.8	194	95	1.22	6	42	239	40.0	184	97	1.35	5
6	9	275	36.3	267	112	1.18	11	6	257	69.5	288	113	2.26	0	20	261	47.9	247	113	1.48	5
7	10	312	49.5	440	245	1.30	10	7	371	48.9	721	312	1.35	57	17	336	56.3	556	301	1.32	29
8	4	329	79.6	656	356	2.02	25	3	343	14.3	567	76	1.39	33	7	335	57.4	618	260	1.75	29
9	3	361	35.0	617	176	1.29	67	4	373	17.6	688	111	1.32	75	7	368	24.6	657	134	1.31	71
10	4	388	42.9	863	287	1.44	75	6	405	26.0	1033	260	1.53	100	10	398	32.6	965	270	1.49	90
11	8	425	40.3	1131	303	1.46	100	12	421	34.7	1138	316	1.53	100	20	423	36.0	1135	303	1.51	100
12	2	444	3.5	1225	35	1.41	100	4	411	28.1	1013	229	1.44	100	6	422	27.5	1083	209	1.43	100
13	1	405	-	900	-	1.35	100	2	483	85.6	1700	849	1.45	100	3	457	75.2	1433	757	1.42	100
14	2	470	7.1	1450	71	1.40	100	-	-	-	-	-	-	-	2	470	7.1	1450	71	1.40	100
18	1	525	-	2600	-	1.80	100	-	-	-	-	-	-	-	1	525	-	2600	-	1.80	100
TOTAL	126							156							1048						
MEAN		254	92	332	428	1.38			250	93.5	326	418	1.41			206	58.4	147	246	1.24	
MEAN AGE		3.6																			

Table 67. Biological data by age group for lake whitefish caught by experimental gillnets (64mm mesh), Great Slave Lake, 1980-81.

AGE (YR.)	MALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT
3	10	246	22.9	205	60	1.35	10	10	231	12.5	155	28	1.24	0	34	234	17.6	171	46	1.31	3
4	23	263	26.3	250	99	1.32	4	23	257	18.2	222	50	1.29	9	63	258	25.5	224	73	1.28	5
5	129	267	24.5	257	88	1.34	4	99	268	23.3	250	75	1.27	0	285	265	23.7	247	84	1.31	2
6	154	276	29.6	287	106	1.34	8	156	280	28.5	294	108	1.31	8	369	275	28.4	280	104	1.31	7
7	99	300	35.7	380	165	1.35	15	99	302	36.7	370	141	1.32	5	207	300	36.0	370	152	1.33	10
8	42	322	37.0	490	188	1.42	31	46	321	33.1	475	179	1.39	17	93	320	34.8	475	182	1.40	23
9	34	356	36.7	695	227	1.49	65	42	344	35.1	609	216	1.43	50	77	349	36.0	645	223	1.46	56
10	31	375	33.4	766	253	1.41	68	33	370	25.9	754	183	1.47	76	65	372	29.5	758	217	1.44	71
11	20	387	26.4	814	233	1.38	85	15	375	32.0	807	227	1.49	93	35	382	29.0	811	227	1.43	89
12	6	398	31.7	908	208	1.43	100	12	425	27.2	1267	349	1.61	100	18	416	30.8	1147	349	1.55	100
13	1	459	-	1300	-	1.34	100	2	444	26.2	1500	141	1.72	100	3	449	20.6	1433	153	1.60	100
14	1	471	-	1450	-	1.39	100	3	431	20.1	1167	115	1.47	100	4	441	25.9	1238	170	1.45	100
15	-	-	-	-	-	-	-	1	436	-	1150	-	1.39	100	1	436	-	1150	-	1.39	100
16	2	514	14.8	1975	35	1.46	100	-	-	-	-	-	-	-	2	514	14.8	1975	35	1.46	100
TOTAL	552							541							1256						
MEAN		298	51	397	258	1.36			301	50.3	409	268	1.34			294	50.3	380	254	1.34	
MEAN AGE		6.6																			

Table 68. Biological data by age group for lake whitefish caught by experimental gillnets (89mm mesh), Great Slave Lake, 1980-81.

AGE (YR)	MALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT
3	1	291	-	350	-	1.42	0	1	267	-	250	-	1.31	0	2	279	17.0	300	71	1.37	0
4	1	284	-	350	-	1.53	0	-	-	-	-	-	-	-	2	256	39.6	225	177	1.19	0
5	18	311	25.0	411	95	1.35	22	15	305	22.6	382	80	1.34	0	35	306	24.3	392	90	1.35	11
6	49	312	31.1	414	122	1.35	20	28	319	27.2	471	125	1.45	11	81	313	30.2	429	126	1.39	16
7	76	323	29.7	488	150	1.41	24	66	326	28.8	483	153	1.36	17	142	324	29.2	485	151	1.39	20
8	68	347	32.4	616	215	1.43	40	55	349	32.7	608	189	1.41	36	123	348	32.4	612	203	1.42	38
9	64	360	31.7	721	248	1.50	53	65	357	28.5	674	207	1.45	62	130	359	29.9	697	228	1.47	57
10	53	385	33.8	880	244	1.50	77	53	375	24.8	815	180	1.52	70	106	380	29.9	848	216	1.51	74
11	39	382	32.7	815	233	1.44	64	48	391	25.3	927	214	1.53	88	87	387	29.0	877	228	1.49	77
12	21	396	35.6	912	266	1.44	86	15	405	36.1	1077	312	1.57	93	36	400	35.6	980	293	1.49	89
13	8	439	48.9	1456	448	1.74	100	11	413	32.7	1086	274	1.53	100	19	424	41.1	1242	393	1.61	100
14	2	461	26.9	1675	460	1.69	100	3	418	11.0	1150	132	1.57	100	5	435	28.0	1360	380	1.61	100
15	2	414	24.7	1100	354	1.53	100	-	-	-	-	-	-	-	2	414	24.7	1100	354	1.53	100
18	-	-	-	-	-	-	-	2	526	0.0	2500	0	1.72	100	2	526	0.0	2500	0	1.72	100
TOTAL	402							362							772						
MEAN		352	45	667	304	1.44			357	42.5	698	305	1.45			354	44.4	678	306	1.45	
MEAN AGE		8.6																			

Table 69. Biological data by age class for lake whitefish caught by experimental gillnets (114mm mesh), Great Slave Lake, 1980-81.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
4	1	371	-	800	-	1.57	0	-	-	-	-	-	-	-	2	342	41.7	625	247	1.52	0
5	1	305	-	400	-	1.41	0	-	-	-	-	-	-	-	2	273	45.3	300	141	1.42	0
6	2	360	6.4	725	35	1.56	100	-	-	-	-	-	-	-	2	360	6.4	725	35	1.56	100
7	11	356	37.8	618	234	1.32	55	7	380	44.5	893	389	1.54	71	19	364	40.9	713	318	1.40	61
8	11	389	36.8	845	255	1.41	64	9	382	22.3	850	175	1.51	100	20	386	30.5	848	217	1.46	80
9	27	385	26.4	874	159	1.53	81	25	385	29.6	894	222	1.55	80	52	385	27.7	884	190	1.54	81
10	43	389	28.9	929	201	1.57	91	41	393	27.6	940	200	1.54	88	84	391	28.2	935	200	1.55	89
11	53	405	37.3	1018	342	1.50	92	37	401	30.9	964	213	1.49	97	90	403	34.7	996	296	1.50	94
12	29	424	44.4	1179	467	1.49	93	36	418	44.7	1136	346	1.53	97	65	421	44.3	1155	401	1.52	95
13	11	461	57.7	1459	574	1.42	100	10	445	35.0	1315	310	1.47	100	21	453	47.7	1390	462	1.44	100
14	7	442	50.9	1336	598	1.48	100	2	422	3.5	1075	35	1.44	100	9	437	45.0	1278	531	1.47	100
15	2	501	40.3	2000	424	1.59	100	4	477	68.6	1538	605	1.37	100	6	485	57.4	1692	559	1.44	100
16	1	400	-	900	-	1.41	100	1	515	-	1850	-	1.35	100	2	458	81.3	1375	672	1.38	100
17	1	360	-	600	-	1.29	100	-	-	-	-	-	-	-	1	360	-	600	-	1.29	100
TOTAL	200							172							375						
MEAN		402	45	1007	392	1.50			404	40.3	1015	306	1.52			402	43.7	1006	358	1.51	
MEAN AGE	10.5																				

Table 70. Biological data by age group for lake whitefish caught by experimental gillnets (127mm mesh), Great Slave Lake, 1980-81.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
6	-	-	-	-	-	-	-	1	425	-	1250	-	1.63	100	1	425	-	1250	-	1.63	100
7	-	-	-	-	-	-	-	2	378	17.0	800	141	1.47	0	2	378	17.0	800	141	1.47	0
8	9	405	31.9	1106	324	1.63	78	6	432	34.1	1275	400	1.54	83	15	416	34.5	1173	352	1.59	80
9	10	402	15.7	985	116	1.52	100	7	426	29.5	1179	267	1.54	100	17	412	25.0	1065	210	1.53	100
10	22	403	22.4	1037	168	1.57	100	27	412	32.2	1137	297	1.59	89	49	408	28.4	1092	250	1.59	94
11	28	412	30.6	1123	262	1.58	89	18	437	44.1	1325	468	1.53	100	46	422	38.1	1202	366	1.56	93
12	9	421	23.3	1139	302	1.50	78	22	420	41.1	1194	385	1.57	95	31	420	36.4	1178	358	1.55	90
13	4	443	30.6	1350	381	1.52	100	5	436	28.5	1170	261	1.39	100	9	439	27.8	1250	312	1.45	100
14	1	434	-	1300	-	1.59	100	2	482	18.4	1900	283	1.69	100	3	466	30.6	1700	400	1.66	100
15	3	499	26.2	1683	321	1.35	100	3	485	51.0	1783	558	1.53	100	6	492	37.1	1733	411	1.44	100
16	1	473	-	1800	-	1.70	100	-	-	-	-	-	-	-	1	473	-	1800	-	1.70	100
17	-	-	-	-	-	-	-	1	548	-	3150	-	1.91	100	1	548	-	3150	-	1.91	100
18	-	-	-	-	-	-	-	2	532	19.8	2075	247	1.37	100	2	532	19.8	2075	247	1.37	100
TOTAL	87							96							183						
MEAN		414	32	1125	281	1.56			429	43.8	1270	448	1.56			422	39.4	1201	383	1.56	
MEAN AGE	10.8																				

Table 71. Biological data by age group for lake whitefish caught by experimental gillnets (133mm mesh), Great Slave Lake, 1980-81.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
5	-	-	-	-	-	-	-	1	400	-	850	-	1.33	0	1	400	-	850	-	1.33	0
6	1	391	-	800	-	1.34	100	-	-	-	-	-	-	-	1	391	-	800	-	1.34	100
8	3	396	9.7	1017	76	1.64	100	3	442	23.1	1450	397	1.65	100	6	419	29.5	1233	349	1.65	100
9	5	420	24.2	1160	233	1.55	80	13	408	24.9	1077	182	1.58	100	18	411	24.6	1100	194	1.57	94
10	13	409	26.6	1084	271	1.56	92	19	412	26.5	1104	224	1.56	89	32	411	26.2	1096	240	1.56	91
11	17	446	52.2	1388	501	1.52	100	18	434	50.6	1375	510	1.63	100	36	440	50.3	1386	492	1.58	100
12	6	415	23.1	1075	192	1.50	100	11	449	57.2	1543	625	1.64	100	17	437	49.9	1378	556	1.59	100
13	3	466	8.3	1675	109	1.66	100	7	473	50.5	1536	506	1.43	100	10	471	41.5	1578	422	1.49	100
14	1	522	-	1900	-	1.34	100	4	469	11.5	1475	119	1.44	100	5	479	25.9	1560	216	1.42	100
15	2	461	35.4	1025	35	1.07	100	2	478	53.7	1750	636	1.56	100	4	470	38.4	1388	557	1.32	100
16	3	522	32.7	2183	407	1.54	100	-	-	-	-	-	-	-	3	522	32.7	2183	407	1.54	100
17	-	-	-	-	-	-	-	1	548	-	3150	-	1.91	100	1	548	-	3150	-	1.91	100
18	2	565	11.3	2700	71	1.50	100	1	515	-	2200	-	1.61	100	3	548	30.0	2533	293	1.54	100
19	-	-	-	-	-	-	-	1	489	-	2100	-	1.80	100	1	489	-	2100	-	1.80	100
TOTAL	56							81							138						
MEAN		439	52	1334	512	1.52			436	47.3	1352	499	1.58			437	49.0	1346	501	1.56	
MEAN AGE	11.2																				

Table 72. Biological data by age group for lake whitefish caught by experimental gillnets (139mm mesh), Great Slave Lake, 1980-81.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
5	1	340	-	550	-	1.40	0	-	-	-	-	-	-	-	1	340	-	550	-	1.40	0
7	1	367	-	700	-	1.42	100	2	407	1.4	1050	0	1.56	50	3	394	23.1	933	202	1.51	67
8	2	410	9.2	1150	0	1.68	100	2	397	43.1	1000	212	1.61	50	4	403	26.5	1075	150	1.64	75
9	7	407	31.1	1036	241	1.51	86	2	377	55.9	950	354	1.75	50	9	400	36.0	1017	246	1.57	78
10	9	418	34.5	1083	241	1.47	78	8	421	41.9	1181	334	1.55	88	17	419	36.9	1129	283	1.51	82
11	16	440	47.2	1397	474	1.61	100	11	439	36.4	1372	449	1.57	100	27	439	42.4	1387	455	1.60	100
12	4	408	89.1	1250	474	2.05	100	5	438	24.6	1220	241	1.44	100	9	424	59.4	1233	337	1.71	100
13	8	470	58.2	1638	507	1.56	100	6	486	39.1	1817	356	1.57	100	14	477	49.8	1714	442	1.56	100
14	4	458	38.6	1450	471	1.46	100	4	469	54.1	1663	572	1.57	100	8	464	43.9	1556	498	1.51	100
15	-	-	-	-	-	-	-	3	479	24.0	1967	465	1.77	100	3	479	24.0	1967	465	1.77	100
16	-	-	-	-	-	-	-	1	586	-	1700	-	0.84	100	1	586	-	1700	-	0.84	100
17	-	-	-	-	-	-	-	2	530	0.0	2400	0	1.61	100	2	530	0.0	2400	0	1.61	100
18	1	513	-	2250	-	1.67	100	-	-	-	-	-	-	-	1	513	-	2250	-	1.67	100
TOTAL	53							46							99						
MEAN		432	53	1303	465	1.58			448	52.2	1448	495	1.56			440	52.8	1370	483	1.57	
MEAN AGE	11.3																				

Table 73. Biological data by age group for lake whitefish caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	178	-	100	-	1.77	0
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	256	79.9	275	247	1.38	0
5	4	301	48.5	375	206	1.24	25	4	289	75.0	375	318	1.35	0	15	280	50.2	317	198	1.32	7
6	3	346	36.5	583	275	1.34	0	4	339	90.2	738	375	2.05	50	11	313	66.8	514	332	1.59	18
7	8	296	47.1	394	164	1.55	13	8	332	77.2	575	481	1.32	25	18	308	63.4	458	347	1.44	17
8	10	395	65.3	1000	536	1.47	60	7	404	57.8	1079	601	1.48	57	17	399	60.7	1032	546	1.47	59
9	9	409	53.9	1078	382	1.52	78	4	394	41.3	950	370	1.49	50	13	404	49.2	1038	368	1.51	69
10	13	422	36.9	1158	291	1.51	92	11	454	27.6	1468	280	1.56	100	24	437	36.2	1300	321	1.53	96
11	20	486	47.5	1838	420	1.60	100	18	469	47.4	1706	558	1.59	100	39	478	47.0	1769	483	1.60	100
12	5	492	56.8	1910	640	1.55	80	11	487	38.8	1900	484	1.61	100	16	489	43.2	1903	515	1.59	94
13	13	503	33.7	1942	272	1.53	100	10	506	26.4	1975	238	1.53	100	23	504	30.1	1957	253	1.53	100
14	7	490	31.2	1843	419	1.55	100	3	509	12.3	2133	29	1.62	100	10	495	27.7	1930	370	1.57	100
15	4	509	22.9	1700	587	1.26	100	6	513	21.9	2117	234	1.59	100	10	511	21.1	1950	438	1.46	100
16	6	511	28.9	2050	303	1.54	100	2	551	50.2	1775	106	1.10	100	8	521	35.9	1981	289	1.43	100
18	3	548	31.1	2550	265	1.56	100	3	526	17.1	2117	189	1.45	100	6	537	25.3	2333	314	1.50	100
19	-	-	-	-	-	-	-	1	489	-	2100	-	1.80	100	1	489	-	2100	-	1.80	100
TOTAL	105							92							214						
MEAN		444	82	1451	682	1.51			448	81.1	1511	670	1.54			432	93.3	1387	726	1.52	
MEAN /GE	10.4																				

Table 74. Biological data by age group for lake whitefish caught by experimental gillnets (38mm mesh) in Area IW, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	178	-	100	-	1.77	0
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	199	-	100	-	1.27	0
7	-	-	-	-	-	-	-	1	465	-	1300	-	1.29	100	1	465	-	1300	-	1.29	100
11	1	508	-	1650	-	1.26	100	1	473	-	1550	-	1.46	100	2	491	24.7	1600	71	1.36	100
13	-	-	-	-	-	-	-	1	543	-	2300	-	1.44	100	1	543	-	2300	-	1.44	100
TOTAL	1							3							6						
MEAN		508	-	1650	-	1.26			494	42.9	1717	520	1.40			394	162.0	1167	890	1.42	
MEAN AGE	8.2																				

Table 75. Biological data by age group for lake whitefish caught by experimental gillnets (64mm mesh) in Area IW, Great Slave Lake, 1980.

AGE	MALES							FEMALES							COMBINED						
	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			%
(YR)	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT
5	2	261	20.5	200	71	1.10	0	3	252	15.1	217	29	1.35	0	12	259	27.0	233	81	1.31	0
6	2	355	46.7	650	354	1.37	0	3	310	85.3	567	189	2.19	33	9	299	61.3	439	251	1.62	11
7	4	274	42.5	325	50	1.75	25	5	291	13.5	320	57	1.29	0	11	278	28.7	309	58	1.49	9
8	4	344	49.4	588	253	1.37	25	3	356	30.9	617	225	1.32	0	7	349	39.8	600	222	1.35	14
9	1	346	-	600	-	1.45	100	1	425	-	1200	-	1.56	100	2	386	55.9	900	424	1.51	100
10	3	406	68.2	1067	551	1.47	67	1	427	-	1050	-	1.35	100	4	412	56.6	1063	450	1.44	75
11	1	406	-	1000	-	1.49	100	2	406	20.5	1100	283	1.63	100	3	406	14.5	1067	208	1.58	100
14	1	471	-	1450	-	1.39	100	-	-	-	-	-	-	-	1	471	-	1450	-	1.39	100
16	2	514	14.8	1975	35	1.46	100	-	-	-	-	-	-	-	2	514	14.8	1975	35	1.46	100
TOTAL	20							18							51						
MEAN		359	87	778	574	1.45			326	67.3	569	356	1.51			322	78.0	569	463	1.45	
MEAN AGE	7.5																				

Table 76. Biological data by age group for lake whitefish caught by experimental gillnets (89mm mesh) in Area IW, Great Slave Lake, 1980.

AGE	MALES							FEMALES							COMBINED						
	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			%
(YR)	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT
5	1	344	-	550	-	1.35	100	-	-	-	-	-	-	-	1	344	-	550	-	1.35	100
6	1	328	-	450	-	1.28	0	-	-	-	-	-	-	-	1	328	-	450	-	1.28	0
7	4	318	45.3	463	217	1.35	0	1	291	-	300	-	1.22	0	5	313	41.1	430	202	1.33	0
8	3	404	68.9	1050	589	1.48	67	-	-	-	-	-	-	-	3	404	68.9	1050	589	1.48	67
9	3	438	22.5	1233	284	1.45	67	2	360	21.9	650	212	1.37	0	5	407	47.3	1000	392	1.42	40
10	3	434	24.2	1283	202	1.57	100	-	-	-	-	-	-	-	3	434	24.2	1283	202	1.57	100
11	1	501	-	1800	-	1.43	100	-	-	-	-	-	-	-	1	501	-	1800	-	1.43	100
12	1	481	-	1700	-	1.53	100	1	453	-	1700	-	1.83	100	2	467	19.8	1700	0	1.68	100
13	2	502	10.6	1950	0	1.55	100	-	-	-	-	-	-	-	2	502	10.6	1950	0	1.55	100
14	1	480	-	2000	-	1.81	100	-	-	-	-	-	-	-	1	480	-	2000	-	1.81	100
TOTAL	20							4							24						
MEAN		412	73	1148	592	1.47			366	67.7	825	618	1.45			404	73.0	1094	595	1.46	
MEAN AGE	9.2																				

Table 77. Biological data by age group for lake whitefish caught by experimental gillnets (114mm mesh) in Area IW, Great Slave Lake, 1980.

AGE	MALES							FEMALES							COMBINED						
	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			%
(YR)	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	312	-	450	-	1.48	0
7	-	-	-	-	-	-	-	1	446	-	1400	-	1.58	100	1	446	-	1400	-	1.58	100
8	1	452	-	1400	-	1.52	100	1	377	-	750	-	1.40	100	2	415	53.0	1075	460	1.46	100
9	2	345	58.7	650	212	1.59	50	1	430	-	1300	-	1.64	100	3	373	64.5	867	404	1.61	67
10	5	416	26.6	1060	147	1.48	100	3	443	26.5	1367	284	1.56	100	8	426	28.4	1175	246	1.51	100
11	6	482	28.9	1850	297	1.65	100	4	431	26.0	1225	240	1.52	100	10	462	37.3	1600	415	1.60	100
12	2	530	6.4	2475	177	1.67	100	3	461	26.2	1600	361	1.61	100	5	488	42.0	1950	550	1.63	100
13	5	514	30.2	2020	202	1.50	100	1	491	-	1700	-	1.44	100	6	510	28.6	1967	223	1.49	100
14	1	534	-	2600	-	1.71	100	-	-	-	-	-	-	-	1	534	-	2600	-	1.71	100
15	1	529	-	2300	-	1.55	100	2	526	9.9	1975	389	1.35	100	3	527	7.2	2083	333	1.42	100
16	-	-	-	-	-	-	-	1	515	-	1850	-	1.35	100	1	515	-	1850	-	1.35	100
TOTAL	23							17							41						
MEAN		470	63	1698	608	1.57			456	43.0	1456	381	1.51			460	59.1	1567	555	1.54	
MEAN AGE	11.1																				

Table 78. Biological data by age group for lake whitefish caught by experimental gillnets (127mm mesh) in Area IW, Great Slave Lake, 1980.

AGE	MALES							FEMALES							COMBINED						
	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			%
(YR)	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT
6	-	-	-	-	-	-	-	1	425	-	1250	-	1.63	100	1	425	-	1250	-	1.63	100
8	2	453	32.5	1550	495	1.64	100	2	465	26.2	1600	566	1.56	100	4	459	25.0	1575	435	1.60	100
10	1	423	-	1200	-	1.59	100	4	473	21.1	1700	242	1.60	100	5	463	28.8	1600	306	1.60	100
11	2	461	19.1	1525	35	1.57	100	4	490	58.2	1913	649	1.57	100	6	480	48.3	1783	541	1.57	100
12	1	397	-	950	-	1.52	0	3	505	11.4	1983	202	1.54	100	4	478	54.6	1725	542	1.53	75
13	2	463	13.4	1625	318	1.63	100	-	-	-	-	-	-	-	2	463	13.4	1625	318	1.63	100
14	-	-	-	-	-	-	-	1	495	-	2100	-	1.73	100	1	495	-	2100	-	1.73	100
15	2	510	25.5	1750	424	1.31	100	2	511	33.9	2100	141	1.58	100	4	511	24.5	1925	328	1.44	100
16	1	473	-	1800	-	1.70	100	-	-	-	-	-	-	-	1	473	-	1800	-	1.70	100
18	-	-	-	-	-	-	-	2	532	19.8	2075	247	1.37	100	2	532	19.8	2075	247	1.37	100
TOTAL	11							19							30						
MEAN		460	36	1532	341	1.55			489	37.8	1858	398	1.56			479	39.2	1738	405	1.56	
MEAN AGE	11.8																				

Table 79. Biological data by age group for lake whitefish caught by experimental gillnets (133mm mesh) in Area IW, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT
5	-	-	-	-	-	-	-	1	400	-	850	-	1.33	0	1	400	-	850	-	1.33	0
8	-	-	-	-	-	-	-	1	455	-	1750	-	1.86	100	1	455	-	1750	-	1.86	100
9	2	442	16.3	1325	177	1.53	100	-	-	-	-	-	-	-	2	442	16.3	1325	177	1.53	100
10	-	-	-	-	-	-	-	1	428	-	1350	-	1.72	100	1	428	-	1350	-	1.72	100
11	4	518	60.5	2113	499	1.53	100	4	505	32.2	2113	507	1.61	100	9	505	46.1	2050	474	1.58	100
12	-	-	-	-	-	-	-	4	502	52.8	2113	705	1.62	100	4	502	52.8	2113	705	1.62	100
13	1	475	-	1800	-	1.68	100	3	510	28.3	2033	176	1.54	100	4	502	29.1	1975	185	1.57	100
14	1	522	-	1900	-	1.34	100	-	-	-	-	-	-	-	1	522	-	1900	-	1.34	100
15	1	486	-	1000	-	0.87	100	1	516	-	2200	-	1.60	100	2	501	21.2	1600	849	1.24	100
16	3	522	32.7	2183	407	1.54	100	-	-	-	-	-	-	-	3	522	32.7	2183	407	1.54	100
18	2	565	11.3	2700	71	1.50	100	1	515	-	2200	-	1.61	100	3	548	30.0	2533	293	1.54	100
19	-	-	-	-	-	-	-	1	489	-	2100	-	1.80	100	1	489	-	2100	-	1.80	100
TOTAL	14							17							32						
MEAN		509	49	1982	569	1.48			492	43.5	1968	519	1.62			498	46.1	1961	529	1.56	
MEAN AGE	12.7																				

Table 80. Biological data by age group for lake whitefish caught by experimental gillnets (139mm mesh) in Area IW, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT
5	1	340	-	550	-	1.40	0	-	-	-	-	-	-	-	1	340	-	550	-	1.40	0
9	1	448	-	1450	-	1.61	100	-	-	-	-	-	-	-	1	448	-	1450	-	1.61	100
10	1	463	-	1500	-	1.51	100	2	461	40.3	1425	106	1.48	100	3	461	28.5	1450	87	1.49	100
11	5	484	60.9	1940	470	1.75	100	3	488	18.0	1983	362	1.69	100	8	485	47.1	1956	405	1.73	100
12	1	522	-	1950	-	1.37	100	-	-	-	-	-	-	-	1	522	-	1950	-	1.37	100
13	3	522	44.4	2067	404	1.45	100	5	499	26.2	1930	249	1.55	100	8	508	33.2	1981	295	1.51	100
14	3	474	28.5	1650	304	1.54	100	2	516	4.9	2150	0	1.57	100	5	490	30.6	1850	348	1.55	100
15	-	-	-	-	-	-	-	1	485	-	2350	-	2.06	100	1	485	-	2350	-	2.06	100
16	-	-	-	-	-	-	-	1	586	-	1700	-	0.84	100	1	586	-	1700	-	0.84	100
18	1	513	-	2250	-	1.67	100	-	-	-	-	-	-	-	1	513	-	2250	-	1.67	100
TOTAL	16							14							30						
MEAN		481	58	1784	501	1.58			499	35.8	1914	324	1.56			489	48.7	1845	426	1.57	
MEAN AGE	12.2																				

Table 81. Biological data by age group for lake whitefish caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
3	-	-	-	-	-	-	-	1	215	-	100	-	1.01	0	6	202	15.9	93	12	1.14	0
4	1	254	-	200	-	1.22	100	1	256	-	200	-	1.19	0	5	230	25.0	136	59	1.06	20
5	4	268	19.0	275	87	1.39	0	9	253	18.3	194	53	1.18	0	27	249	21.6	201	65	1.27	0
6	13	282	30.1	303	84	1.33	0	23	283	32.9	323	158	1.34	22	44	278	30.9	293	132	1.30	11
7	29	295	37.9	360	213	1.30	17	26	284	29.8	312	153	1.28	12	55	290	34.4	337	187	1.29	15
8	15	325	51.8	520	306	1.36	27	18	324	38.6	469	223	1.30	28	34	323	44.8	485	261	1.32	26
9	21	351	40.2	690	282	1.51	48	39	344	30.0	595	197	1.41	59	60	346	33.8	628	232	1.45	55
10	22	384	33.3	859	250	1.48	73	31	375	27.9	802	207	1.49	77	54	378	30.1	822	224	1.48	74
11	17	395	30.4	954	246	1.52	82	16	406	20.8	1034	198	1.54	100	33	400	26.3	993	224	1.53	91
12	8	414	43.8	1031	265	1.43	88	13	441	48.3	1338	316	1.57	100	21	431	47.4	1221	328	1.51	95
13	3	457	36.5	1475	517	1.49	100	4	476	8.8	1526	84	1.42	100	7	468	24.0	1504	305	1.45	100
17	-	-	-	-	-	-	-	4	539	10.4	2775	433	1.76	100	4	539	10.4	2775	433	1.76	100
18	-	-	-	-	-	-	-	2	526	0.0	2500	0	1.72	100	2	526	0.0	2500	0	1.72	100
TOTAL	133							187							352						
MEAN		343	61	645	373	1.41			347	71.5	696	531	1.40			336	71.7	630	473	1.39	
MEAN AGE		8.5																			

Table 82. Biological data by age group for lake whitefish caught by experimental gillnets (38mm mesh) in Area IE, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
3	-	-	-	-	-	-	-	1	215	-	100	-	1.01	0	6	202	15.9	93	12	1.14	0
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	207	12.0	90	14	1.02	0
5	-	-	-	-	-	-	-	1	222	-	100	-	0.91	0	7	227	19.9	147	41	1.24	0
8	-	-	-	-	-	-	-	1	359	-	650	-	1.40	100	1	359	-	650	-	1.40	100
9	1	323	-	450	-	1.34	0	1	351	-	600	-	1.39	100	2	337	19.8	525	106	1.36	50
10	-	-	-	-	-	-	-	1	368	-	750	-	1.50	100	1	368	-	750	-	1.50	100
11	1	386	-	850	-	1.48	100	-	-	-	-	-	-	-	1	386	-	850	-	1.48	100
TOTAL	2							5							20						
MEAN		355	45	650	283	1.41			303	77.4	440	315	1.24			250	67.0	253	253	1.23	
MEAN AGE		5.4																			

Table 83. Biological data by age group for lake whitefish caught by experimental gillnets (64mm mesh) in Area IE, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
4	1	254	-	200	-	1.22	100	1	256	-	200	-	1.19	0	2	255	1.4	200	0	1.21	50
5	4	268	19.0	275	87	1.39	0	8	257	15.2	206	42	1.21	0	20	256	16.7	220	62	1.28	0
6	11	281	32.5	295	89	1.30	0	22	279	25.4	302	122	1.33	18	41	274	27.1	277	110	1.29	10
7	25	290	37.9	342	220	1.29	12	23	277	19.5	270	83	1.25	4	48	284	30.9	307	171	1.27	8
8	10	300	38.3	351	151	1.25	10	14	309	21.0	378	100	1.26	14	25	303	29.6	362	121	1.26	12
9	12	342	41.4	653	307	1.54	33	16	324	24.4	489	145	1.39	38	28	332	33.2	559	239	1.45	36
10	3	359	13.9	667	126	1.43	67	11	362	25.7	696	166	1.44	73	15	361	22.5	687	149	1.44	67
11	2	366	32.5	710	297	1.40	50	1	366	-	750	-	1.53	100	3	366	23.0	723	211	1.44	67
12	-	-	-	-	-	-	-	6	443	25.4	1492	326	1.70	100	6	443	25.4	1492	326	1.70	100
TOTAL	68							102							188						
MEAN		302	44	409	248	1.34			307	50.9	443	328	1.34			301	48.7	410	292	1.33	
MEAN AGE	7.4																				

Table 84. Biological data by age group for lake whitefish caught by experimental gillnets (89mm mesh) in Area IE, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	228	-	100	-	0.84	0
6	2	289	12.7	350	0	1.46	0	1	382	-	800	-	1.44	100	3	320	54.4	500	260	1.45	33
7	4	323	26.3	475	119	1.40	50	1	305	-	400	-	1.41	0	5	320	24.2	460	108	1.40	40
8	2	339	26.9	593	131	1.51	0	2	365	44.5	750	354	1.48	50	4	352	33.5	671	236	1.50	25
9	5	351	28.3	640	171	1.45	60	15	349	24.2	612	188	1.40	60	20	350	24.5	619	180	1.41	60
10	9	376	41.9	772	276	1.41	56	8	364	12.3	739	151	1.53	75	17	370	31.4	756	220	1.47	65
11	2	354	8.5	700	141	1.57	50	3	403	15.1	967	115	1.47	100	5	383	29.2	860	182	1.51	80
12	5	391	38.8	929	297	1.51	80	-	-	-	-	-	-	-	5	391	38.8	929	297	1.51	80
13	1	420	-	900	-	1.21	100	1	485	-	1600	-	1.40	100	2	453	46.0	1250	495	1.31	100
18	-	-	-	-	-	-	-	2	526	0.0	2500	0	1.72	100	2	526	0.0	2500	0	1.72	100
TOTAL	30							33							64						
MEAN		359	43	696	262	1.45			373	52.4	827	500	1.46			364	50.9	754	412	1.44	
MEAN AGE	9.6																				

Table 85. Biological data by age group for lake whitefish caught by experimental gillnets (114mm mesh) in Area IE, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
7	-	-	-	-	-	-	-	2	362	0.0	750	0	1.58	100	2	362	0.0	750	0	1.58	100
8	1	405	-	1100	-	1.66	100	1	423	-	1000	-	1.32	100	2	414	12.7	1050	71	1.49	100
9	2	388	5.7	900	0	1.54	100	7	376	23.8	800	176	1.49	100	9	379	21.4	822	158	1.50	100
10	9	401	21.2	1006	191	1.54	100	3	381	9.8	833	104	1.50	100	12	396	20.7	963	186	1.53	100
11	6	390	14.0	908	102	1.54	100	3	401	14.6	983	29	1.53	100	9	393	14.4	933	90	1.54	100
12	3	453	8.7	1200	0	1.29	100	2	511	91.2	1400	424	1.07	100	5	476	55.8	1280	239	1.20	100
13	-	-	-	-	-	-	-	2	468	0.0	1550	0	1.51	100	2	468	0.0	1550	0	1.51	100
TOTAL	21							20							41						
MEAN		404	26	1000	165	1.51			404	53.4	973	307	1.46			404	41.2	987	242	1.48	
MEAN AGE	10.1																				

Table 86. Biological data by age group for lake whitefish caught by experimental gillnets (127mm mesh) in Area IE, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
8	2	397	0.0	1000	0	1.60	100	-	-	-	-	-	-	-	2	397	0.0	1000	0	1.60	100
10	-	-	-	-	-	-	-	2	399	18.4	955	134	1.50	100	2	399	18.4	955	134	1.50	100
11	4	435	16.7	1300	135	1.58	75	5	420	23.0	1200	255	1.61	100	9	426	20.8	1244	205	1.60	89
12	-	-	-	-	-	-	-	4	401	6.6	1054	39	1.64	100	4	401	6.6	1054	39	1.64	100
17	-	-	-	-	-	-	-	1	548	-	3150	-	1.91	100	1	548	-	3150	-	1.91	100
TOTAL	6							12							18						
MEAN		422	23	1200	187	1.59			421	44.0	1273	620	1.63			421	37.6	1249	510	1.61	
MEAN AGE	11.1																				

Table 87. Biological data by age group for lake whitefish caught by experimental gillnets (133mm mesh) in Area IE, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT
10	1	379	-	890	-	1.63	0	4	406	39.8	1008	281	1.48	75	5	400	36.4	984	249	1.51	60
11	2	406	2.1	952	68	1.43	100	1	392	-	950	-	1.58	100	3	401	7.9	951	48	1.48	100
12	-	-	-	-	-	-	-	1	456	-	1425	-	1.50	100	1	456	-	1425	-	1.50	100
14	1	459	-	1625	-	1.68	100	1	481	-	1405	-	1.26	100	2	470	15.6	1515	156	1.47	100
17	-	-	-	-	-	-	-	1	548	-	3150	-	1.91	100	1	548	-	3150	-	1.91	100
TOTAL	4							8							12						
MEAN		412	34	1105	350	1.54			437	60.2	1370	766	1.52			429	52.6	1282	651	1.53	
MEAN AGE	11.5																				

Table 88. Biological data by age group for lake whitefish caught by experimental gillnets (139mm mesh) in Area IE, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT
9	1	426	-	1200	-	1.55	100	-	-	-	-	-	-	-	1	426	-	1200	-	1.55	100
10	-	-	-	-	-	-	-	2	405	24.0	1050	283	1.56	50	2	405	24.0	1050	283	1.56	50
11	-	-	-	-	-	-	-	3	408	17.8	998	153	1.47	100	3	408	17.8	998	153	1.47	100
14	1	493	-	1900	-	1.59	100	-	-	-	-	-	-	-	1	493	-	1900	-	1.59	100
17	-	-	-	-	-	-	-	2	530	0.0	2400	0	1.61	100	2	530	0.0	2400	0	1.61	100
TOTAL	2							7							9						
MEAN		460	47	1550	495	1.57			442	61.9	1414	690	1.53			446	56.7	1444	625	1.54	
MEAN AGE	12.1																				

Table 89. Biological data by age group for lake whitefish caught by experimental gillnets in Area II, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	186	-	50	-	0.78	0
2	1	165	-	100	-	2.23	0	6	180	12.1	100	32	1.69	0	99	174	12.4	62	24	1.15	0
3	27	212	31.2	139	74	1.36	0	42	202	20.3	113	41	1.33	0	295	196	19.7	94	42	1.20	0
4	12	276	41.3	321	186	1.40	0	13	246	24.7	204	59	1.34	8	34	257	33.1	241	130	1.34	3
5	42	284	28.3	307	100	1.31	2	45	279	23.6	293	83	1.32	0	105	279	25.6	286	92	1.29	1
6	17	336	22.8	529	121	1.37	12	23	306	29.9	411	132	1.41	0	46	313	32.8	438	146	1.38	4
7	35	344	32.0	607	161	1.46	31	36	350	33.0	651	225	1.47	17	72	346	32.9	626	197	1.48	24
8	25	381	20.6	864	176	1.54	56	18	374	35.9	831	296	1.53	33	43	378	27.9	850	231	1.54	47
9	32	390	22.5	917	161	1.54	75	27	398	27.3	1004	240	1.57	74	60	392	26.7	948	213	1.55	73
10	33	410	23.9	1103	213	1.58	94	44	404	29.4	1061	234	1.58	82	77	407	27.2	1079	225	1.58	87
11	16	420	21.3	1191	257	1.59	100	16	417	19.5	1141	129	1.58	88	32	418	20.2	1166	202	1.58	94
12	1	439	-	1200	-	1.42	100	3	454	33.8	1567	202	1.68	100	4	450	28.6	1475	247	1.62	100
13	2	448	21.2	1400	283	1.55	100	-	-	-	-	-	-	-	2	448	21.2	1400	283	1.55	100
18	1	525	-	2600	-	1.80	100	-	-	-	-	-	-	-	1	525	-	2600	-	1.80	100
TOTAL	244							273							871						
MEAN		340	73	672	406	1.47			323	81.6	607	425	1.46			276	91.9	416	420	1.34	
MEAN AGE		5.3																			

Table 90. Biological data by age group for lake whitefish caught by experimental gillnets (38mm mesh) in Area II, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	186	-	50	-	0.78	0
2	1	165	-	100	-	2.23	0	6	180	12.1	100	32	1.69	0	99	174	12.4	62	24	1.15	0
3	19	196	10.2	105	33	1.38	0	35	196	15.2	104	35	1.35	0	272	192	15.1	87	31	1.20	0
4	-	-	-	-	-	-	-	1	194	-	100	-	1.37	0	2	199	7.1	100	0	1.27	0
5	1	327	-	450	-	1.29	0	2	266	19.1	250	71	1.32	0	4	293	34.0	338	111	1.30	0
6	-	-	-	-	-	-	-	1	322	-	450	-	1.35	0	1	322	-	450	-	1.35	0
7	1	337	-	550	-	1.44	0	1	358	-	800	-	1.74	0	2	348	14.8	675	177	1.59	0
8	1	352	-	600	-	1.38	0	1	340	-	550	-	1.40	0	2	346	8.5	575	35	1.39	0
10	-	-	-	-	-	-	-	2	427	26.2	1300	283	1.66	100	2	427	26.2	1300	283	1.66	100
11	-	-	-	-	-	-	-	1	401	-	1100	-	1.71	100	1	401	-	1100	-	1.71	100
18	1	525	-	2600	-	1.80	100	-	-	-	-	-	-	-	1	525	-	2600	-	1.80	100
TOTAL	24							50							387						
MEAN		226	81	263	520	1.43			219	64.8	207	296	1.42			193	37.0	105	178	1.19	
MEAN AGE		2.9																			

Table 91. Biological data by age group for lake whitefish caught by experimental gillnets (64mm mesh) in Area II, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
3	7	245	27.1	200	71	1.30	0	6	225	9.6	142	20	1.24	0	21	231	20.1	164	53	1.29	0
4	10	266	31.1	270	118	1.37	0	12	250	19.9	213	53	1.34	8	30	256	23.2	228	81	1.33	3
5	36	277	23.6	282	79	1.30	3	33	275	23.6	274	78	1.29	0	86	273	22.8	265	77	1.27	1
6	5	333	23.0	500	117	1.33	0	12	293	27.4	329	110	1.26	0	23	297	31.3	354	129	1.29	0
7	12	343	32.0	588	142	1.43	25	14	344	25.6	593	144	1.44	7	27	342	29.5	581	145	1.43	15
8	1	383	-	900	-	1.60	100	2	381	19.8	825	177	1.48	0	3	382	14.0	850	132	1.52	33
9	4	386	32.3	888	170	1.54	75	8	375	18.5	800	107	1.52	50	13	374	28.3	800	163	1.52	54
10	5	386	16.6	870	164	1.50	100	5	369	36.9	780	311	1.49	40	10	378	28.4	825	240	1.49	70
11	2	422	20.5	1175	318	1.55	100	-	-	-	-	-	-	-	2	422	20.5	1175	318	1.55	100
12	-	-	-	-	-	-	-	1	415	-	1350	-	1.89	100	1	415	-	1350	-	1.89	100
TOTAL	82							93							216						
MEAN		303	54	426	268	1.37			299	52.6	409	262	1.35			292	51.8	379	252	1.34	
MEAN AGE		5.6																			

Table 92. Biological data by age group for lake whitefish caught by experimental gillnets (89mm mesh) in Area II, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
3	1	291	-	350	-	1.42	0	1	267	-	250	-	1.31	0	2	279	17.0	300	71	1.37	0
4	1	284	-	350	-	1.53	0	-	-	-	-	-	-	-	1	284	-	350	-	1.53	0
5	5	324	19.3	460	89	1.34	0	10	296	17.1	363	68	1.40	0	15	305	22.2	395	86	1.38	0
6	10	333	23.5	505	101	1.35	0	10	320	28.3	505	96	1.58	0	20	327	26.2	505	96	1.47	0
7	17	338	33.1	597	163	1.56	29	17	342	30.0	600	166	1.46	24	34	340	31.2	599	162	1.51	26
8	14	375	20.7	786	131	1.48	50	10	359	25.2	700	172	1.49	30	24	369	23.6	750	152	1.48	42
9	15	381	16.2	850	127	1.53	60	7	387	12.3	900	129	1.55	57	22	383	15.0	866	127	1.54	59
10	4	399	3.6	988	75	1.56	75	11	395	24.1	968	168	1.56	73	15	396	20.5	973	146	1.56	73
11	1	404	-	1000	-	1.52	100	9	419	19.7	1117	150	1.52	78	10	418	19.1	1105	146	1.52	80
13	1	433	-	1200	-	1.48	100	-	-	-	-	-	-	-	1	433	-	1200	-	1.48	100
TOTAL	69							75							144						
MEAN		358	36	697	218	1.49			355	46.4	708	283	1.50			356	41.6	703	253	1.49	
MEAN AGE		7.7																			

Table 93. Biological data by age group for lake whitefish caught by experimental gillnets (114mm mesh) in Area II, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
4	1	371	-	800	-	1.57	0	-	-	-	-	-	-	-	1	371	-	800	-	1.57	0
6	2	360	6.4	725	35	1.56	100	-	-	-	-	-	-	-	2	360	6.4	725	35	1.56	100
7	5	371	20.5	700	215	1.37	60	1	442	-	1500	-	1.74	100	6	383	34.3	833	379	1.43	67
8	2	375	14.8	825	106	1.57	50	1	383	-	950	-	1.69	100	3	377	11.6	867	104	1.61	67
9	4	392	35.3	963	259	1.57	100	4	422	28.5	1150	212	1.52	100	8	407	33.6	1056	241	1.55	100
10	6	403	29.3	1075	225	1.64	83	8	395	26.7	1019	113	1.67	88	14	398	27.1	1043	165	1.66	86
11	1	427	-	1250	-	1.61	100	-	-	-	-	-	-	-	1	427	-	1250	-	1.61	100
TOTAL	21							14							35						
MEAN		386	29	902	251	1.54			405	29.5	1086	190	1.64			394	30.1	976	243	1.58	
MEAN AGE		8.7																			

Table 94 Biological data by age group for lake whitefish caught by experimental gillnets (127mm mesh) in Area II, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
7	-	-	-	-	-	-	-	2	378	17.0	800	141	1.47	0	2	378	17.0	800	141	1.47	0
8	4	395	12.2	1013	125	1.65	50	2	419	40.3	1175	318	1.58	50	6	403	23.8	1067	191	1.63	50
9	7	406	15.7	1021	119	1.52	100	2	437	21.9	1450	354	1.72	100	9	413	20.5	1117	249	1.57	100
10	10	417	17.7	1156	120	1.60	100	11	413	16.2	1132	168	1.60	91	21	415	16.6	1143	144	1.60	95
11	7	414	27.8	1171	359	1.61	100	1	425	-	1100	-	1.43	100	8	415	26.1	1163	334	1.59	100
12	-	-	-	-	-	-	-	1	475	-	1750	-	1.63	100	1	475	-	1750	-	1.63	100
TOTAL	28							19							47						
MEAN		410	20	1106	209	1.59			416	26.3	1166	270	1.59			413	22.8	1130	235	1.59	
MEAN AGE		9.6																			

Table 95. Biological data by age group for lake whitefish caught by experimental gillnets (133mm mesh) in Area II, Great Slave Lake, 1980.

AGE (YR)	MALES							FEMALES							COMBINED						
	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			
	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT
8	1	394	-	1100	-	1.80	100	1	455	-	1600	-	1.70	100	2	425	43.1	1350	354	1.75	100
9	1	413	-	1150	-	1.63	100	5	412	19.3	1140	89	1.64	100	6	412	17.3	1142	80	1.64	100
10	5	424	22.6	1290	301	1.66	100	5	434	15.4	1220	164	1.48	100	10	429	18.9	1255	231	1.57	100
11	2	440	4.9	1325	35	1.56	100	2	409	40.3	1225	106	1.83	100	4	424	29.5	1275	87	1.69	100
12	1	439	-	1200	-	1.42	100	-	-	-	-	-	-	-	1	439	-	1200	-	1.42	100
13	1	463	-	1600	-	1.61	100	-	-	-	-	-	-	-	1	463	-	1600	-	1.61	100
TOTAL	11							13							24						
MEAN		428	23	1286	229	1.63			423	23.7	1219	165	1.61			426	22.9	1250	196	1.62	
MEAN AGE	10.0																				

Table 96. Biological data by age group for lake whitefish caught by experimental gillnets (139mm mesh) in Area II, Great Slave Lake, 1980.

AGE (YR)	MALES							FEMALES							COMBINED						
	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			
	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT
7	-	-	-	-	-	-	-	1	408	-	1050	-	1.55	0	1	408	-	1050	-	1.55	0
8	2	410	9.2	1150	0	1.68	100	1	366	-	850	-	1.73	0	3	395	25.9	1050	173	1.70	67
9	1	384	-	900	-	1.59	0	1	416	-	1200	-	1.67	100	2	400	22.6	1050	212	1.63	50
10	3	437	18.0	1217	76	1.46	100	2	437	23.3	1425	247	1.70	100	5	437	17.3	1300	177	1.56	100
11	3	422	13.6	1200	132	1.59	100	3	419	15.9	1183	126	1.61	100	6	421	13.3	1192	116	1.60	100
12	-	-	-	-	-	-	-	1	472	-	1600	-	1.52	100	1	472	-	1600	-	1.52	100
TOTAL	9							9							18						
MEAN		420	21	1161	127	1.57			421	30.3	1233	247	1.63			421	25.3	1197	194	1.60	
MEAN AGE	9.8																				

Table 97. Biological data by age group for lake whitefish caught by experimental gillnets in Area III, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
4	1	230	-	150	-	1.23	0	-	-	-	-	-	-	-	3	219	12.8	117	29	1.10	0
5	5	270	27.2	250	87	1.24	0	3	256	26.3	200	50	1.19	0	11	261	23.0	227	65	1.25	0
6	5	295	33.1	370	172	1.36	0	5	312	31.4	430	130	1.38	0	13	296	32.4	362	149	1.32	0
7	9	299	27.2	361	108	1.33	22	3	301	53.7	383	202	1.32	0	12	299	32.6	367	127	1.33	17
8	12	341	29.0	567	183	1.39	42	11	358	25.2	723	210	1.54	64	23	349	28.1	641	208	1.46	52
9	26	373	23.9	804	179	1.54	65	28	378	36.8	891	235	1.63	82	54	376	31.1	849	213	1.59	74
10	20	387	27.8	943	198	1.61	85	21	391	23.7	960	180	1.59	90	41	389	25.5	951	187	1.60	88
11	16	396	33.9	1000	286	1.58	75	12	400	34.7	1050	317	1.59	83	28	397	33.7	1021	295	1.59	79
12	5	433	49.2	1400	553	1.65	100	3	424	50.7	1433	611	1.80	100	8	430	46.2	1413	531	1.70	100
13	-	-	-	-	-	-	-	1	445	-	1450	-	1.65	100	1	445	-	1450	-	1.65	100
TOTAL	99							87							194						
MEAN		361	52	768	359	1.50			373	47.1	866	336	1.57			362	54.3	788	365	1.52	
MEAN AGE	8.9																				

Table 98. Biological data by age group for lake whitefish caught by experimental gillnets (38mm mesh) in Area III, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	214	12.0	100	0	1.04	0
5	1	265	-	250	-	1.34	0	-	-	-	-	-	-	-	1	265	-	250	-	1.34	0
TOTAL	1							0							3						
MEAN		265	-	250	-	1.34			-	-	-	-	-			231	30.9	150	87	1.14	
MEAN AGE	4.3																				

Table 99. Biological data by age group for lake whitefish caught by experimental gillnets (64mm mesh) in Area III, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
4	1	230	-	150	-	1.23	0	-	-	-	-	-	-	-	1	230	-	150	-	1.23	0
5	3	256	11.6	200	0	1.20	0	3	256	26.3	200	50	1.19	0	8	257	15.5	206	32	1.22	0
6	4	283	23.7	313	131	1.32	0	2	287	29.0	325	106	1.36	0	9	280	22.4	289	102	1.28	0
7	5	278	5.4	300	61	1.38	0	2	271	15.6	275	106	1.35	0	7	276	8.5	293	67	1.37	0
8	4	315	23.2	413	85	1.31	0	2	352	26.9	725	177	1.64	100	6	327	29.0	517	191	1.42	33
9	2	375	10.6	800	71	1.52	100	6	350	27.3	675	157	1.55	83	8	356	26.2	706	147	1.55	88
10	1	340	-	600	-	1.53	0	3	380	32.9	733	236	1.31	100	4	370	33.4	700	204	1.36	75
11	-	-	-	-	-	-	-	1	372	-	800	-	1.55	100	1	372	-	800	-	1.55	100
TOTAL	20							19							44						
MEAN		294	40	368	191	1.34			326	51.9	542	262	1.42			304	48.0	427	239	1.36	
MEAN AGE	7.2																				

Table 100. Biological data by age group for lake whitefish caught by experimental gillnets (89mm mesh) in Area III, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
5	1	316	-	400	-	1.27	0	-	-	-	-	-	-	-	1	316	-	400	-	1.27	0
6	1	341	-	600	-	1.51	0	3	329	21.9	500	100	1.40	0	4	332	18.9	525	96	1.43	0
7	4	324	20.2	438	111	1.27	50	1	362	-	600	-	1.26	0	5	331	24.4	470	120	1.27	40
8	8	354	22.8	644	170	1.43	63	5	340	9.3	560	42	1.43	20	13	348	19.5	612	139	1.43	46
9	10	357	21.1	665	162	1.47	40	9	372	33.1	850	235	1.61	78	19	364	27.7	753	216	1.53	58
10	8	394	18.7	988	164	1.61	100	5	382	28.0	930	208	1.64	80	13	390	22.3	965	176	1.62	92
11	5	380	31.9	850	190	1.53	60	3	383	46.5	933	480	1.56	67	8	381	34.7	881	298	1.54	63
13	-	-	-	-	-	-	-	1	445	-	1450	-	1.65	100	1	445	-	1450	-	1.65	100
TOTAL	37							27							64						
MEAN		362	31	722	234	1.47			367	36.1	794	296	1.54			364	33.0	752	263	1.50	
MEAN AGE	8.9																				

Table 101. Biological data by age group for lake whitefish caught by experimental gillnets (114mm mesh) in Area III, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	241	-	200	-	1.43	0
8	-	-	-	-	-	-	-	3	380	11.0	933	231	1.68	100	3	380	11.0	933	231	1.68	100
9	9	381	23.1	883	120	1.59	67	5	379	22.5	940	89	1.77	80	14	381	22.1	904	110	1.65	71
10	7	383	36.6	929	245	1.64	71	5	395	28.1	980	144	1.59	100	12	388	32.6	950	202	1.61	83
11	2	369	33.2	800	141	1.60	50	4	408	37.9	1125	260	1.64	75	6	395	38.6	1017	270	1.63	67
12	2	424	83.4	1400	919	1.68	100	2	448	41.0	1700	566	1.85	100	4	436	55.4	1550	647	1.77	100
TOTAL	20							19							40						
MEAN		385	36	943	310	1.62			397	32.9	1068	310	1.69			387	41.4	984	334	1.65	
MEAN AGE	9.7																				

Table 102. Biological data by age group for lake whitefish caught by experimental gillnets (127mm mesh) in Area III, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
8	-	-	-	-	-	-	-	1	400	-	900	-	1.41	100	1	400	-	900	-	1.41	100
9	2	385	3.5	925	35	1.63	100	3	427	42.0	1100	200	1.50	100	5	410	37.8	1030	172	1.55	100
10	4	393	20.9	963	144	1.59	100	4	390	14.2	1000	82	1.69	75	8	391	16.6	981	110	1.64	88
11	5	398	28.6	990	175	1.57	80	3	418	30.0	1150	377	1.54	100	8	405	28.8	1050	255	1.56	88
12	2	447	45.3	1500	566	1.63	100	1	376	-	900	-	1.69	100	3	423	52.0	1300	529	1.65	100
TOTAL	13							12							25						
MEAN		402	31	1050	287	1.59			406	29.6	1046	208	1.58			404	29.9	1048	247	1.59	
MEAN AGE	10.3																				

Table 103. Biological data by age group for lake whitefish caught by experimental gillnets (133mm mesh) in Area III, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
9	1	415	-	1200	-	1.68	100	4	408	16.3	1138	180	1.67	100	5	409	14.5	1150	158	1.67	100
10	-	-	-	-	-	-	-	3	403	15.0	1117	76	1.72	100	3	403	15.0	1117	76	1.72	100
11	2	431	47.4	1325	530	1.61	100	1	398	-	1050	-	1.67	100	3	420	38.4	1233	407	1.63	100
12	1	422	-	1200	-	1.60	100	-	-	-	-	-	-	-	1	422	-	1200	-	1.60	100
TOTAL	4							8							12						
MEAN		425	28	1263	315	1.62			405	13.9	1119	128	1.69			411	20.9	1167	206	1.67	
MEAN AGE	10.0																				

Table 104. Biological data by age group for lake whitefish caught by experimental gillnets (139mm mesh) in Area III, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
9	2	378	24.0	825	106	1.53	100	1	337	-	700	-	1.83	0	3	364	29.1	783	104	1.63	67
10	-	-	-	-	-	-	-	1	412	-	1050	-	1.50	100	1	412	-	1050	-	1.50	100
11	2	421	12.7	1275	318	1.69	100	-	-	-	-	-	-	-	2	421	12.7	1275	318	1.69	100
TOTAL	4							2							6						
MEAN		400	29	1050	324	1.61			375	53.0	875	247	1.67			391	35.3	992	289	1.63	
MEAN AGE	9.8																				

Table 105. Biological data by age group for lake whitefish caught by experimental gillnets in Area IV, Great Slave Lake, 1981.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	162	10.2	44	13	1.05	0
3	12	176	8.1	67	25	1.22	0	8	173	16.2	56	18	1.08	0	73	173	11.8	59	19	1.14	0
4	21	190	16.4	86	36	1.21	0	33	188	16.3	80	30	1.19	0	148	187	13.8	73	28	1.10	0
5	53	245	29.4	223	104	1.57	6	33	246	23.6	205	79	1.32	0	105	245	25.5	217	102	1.48	3
6	121	269	27.5	270	87	1.37	11	91	269	20.6	255	74	1.29	9	251	267	24.5	256	82	1.32	8
7	61	292	24.1	356	101	1.39	13	55	299	35.1	357	134	1.33	4	122	295	29.7	354	117	1.36	8
8	41	325	30.3	518	160	1.51	29	35	319	26.7	496	135	1.50	31	79	321	28.4	503	149	1.50	29
9	31	342	23.5	621	138	1.53	58	34	341	26.9	591	171	1.46	56	66	342	25.0	605	154	1.49	57
10	43	368	22.7	778	177	1.54	84	40	367	17.8	763	123	1.54	70	83	367	20.3	771	153	1.54	77
11	47	377	21.1	854	179	1.57	79	52	380	23.5	888	166	1.61	96	99	379	22.3	872	172	1.59	88
12	29	390	31.9	959	242	1.62	97	34	396	28.9	1040	244	1.64	94	63	393	30.2	1002	245	1.63	95
13	4	415	30.9	1025	233	1.41	100	9	408	26.8	1172	246	1.70	100	13	410	27.0	1127	243	1.61	100
14	3	430	15.0	1267	104	1.60	100	4	421	9.4	1225	96	1.64	100	7	425	11.8	1243	93	1.62	100
15	-	-	-	-	-	-	-	1	500	-	2100	-	1.68	100	1	500	-	2100	-	1.68	100
TOTAL	466							429							1114						
MEAN		303	64	469	308	1.46			310	68.9	512	355	1.42			286	74.4	417	336	1.38	
MEAN AGE	7.1																				

Table 106. Biological data by age group for lake whitefish caught by experimental gillnets (38mm mesh) in Area IV, Great Slave Lake, 1981.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	162	10.2	44	13	1.05	0
3	12	176	8.1	67	25	1.22	0	8	173	16.2	56	18	1.08	0	73	173	11.8	59	19	1.14	0
4	20	187	10.0	80	25	1.21	0	33	188	16.3	80	30	1.19	0	146	186	12.9	73	26	1.10	0
5	6	197	40.8	133	68	2.23	17	8	218	14.2	131	37	1.25	0	15	209	28.2	130	49	1.63	7
6	3	259	60.1	233	202	1.05	0	3	259	21.3	260	79	1.46	0	10	245	35.2	198	122	1.19	0
7	4	285	50.4	313	165	1.22	0	-	-	-	-	-	-	-	4	285	50.4	313	165	1.22	0
8	2	323	135.1	813	513	2.73	50	1	331	-	500	-	1.38	0	3	325	95.6	708	405	2.28	33
10	1	350	-	700	-	1.63	100	-	-	-	-	-	-	-	1	350	-	700	-	1.63	100
11	1	390	-	1000	-	1.69	100	4	385	14.4	988	118	1.73	100	5	386	12.6	990	102	1.72	100
12	-	-	-	-	-	-	-	1	380	-	750	-	1.37	100	1	380	-	750	-	1.37	100
TOTAL	49							58							262						
MEAN		211	61	173	235	1.41			213	61.2	175	252	1.24			194	43.2	110	165	1.17	
MEAN AGE	4.1																				

Table 107. Biological data by age group for lake whitefish caught by experimental gillnets (64mm mesh) in Area IV, Great Slave Lake, 1981.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
4	1	247	-	200	-	1.33	0	-	-	-	-	-	-	-	2	210	52.3	125	106	1.15	0
5	43	249	20.0	227	103	1.49	5	25	255	18.1	228	75	1.34	0	84	249	18.3	226	101	1.45	2
6	97	264	20.8	254	68	1.39	9	82	268	20.3	247	68	1.27	7	210	264	20.3	245	68	1.32	7
7	33	287	21.2	330	76	1.38	12	35	294	38.0	324	88	1.30	3	73	290	30.5	323	81	1.33	7
8	10	318	19.2	480	106	1.47	30	16	308	27.7	466	165	1.54	19	29	311	24.1	464	141	1.50	21
9	10	350	25.4	655	121	1.51	90	7	332	45.1	543	256	1.36	57	17	343	34.8	609	190	1.45	76
10	8	361	29.1	681	230	1.41	63	11	369	16.7	771	127	1.53	82	19	365	22.5	733	178	1.48	74
11	4	365	19.3	700	183	1.43	100	7	363	25.6	743	179	1.53	100	11	364	22.5	727	172	1.49	100
12	4	387	11.7	850	91	1.47	100	1	400	-	950	-	1.48	100	5	389	11.8	870	91	1.47	100
13	-	-	-	-	-	-	-	2	444	26.2	1500	141	1.72	100	2	444	26.2	1500	141	1.72	100
14	-	-	-	-	-	-	-	2	422	16.3	1200	141	1.60	100	2	422	16.3	1200	141	1.60	100
TOTAL	210							188							454						
MEAN		279	41	326	179	1.42			291	46.9	365	244	1.34			281	43.3	330	206	1.38	
MEAN AGE	6.6																				

Table 108. Biological data by age group for lake whitefish caught by experimental gillnets (89mm mesh) in Area IV, Great Slave Lake, 1981.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
5	4	280	16.9	313	75	1.41	0	-	-	-	-	-	-	-	6	278	13.2	308	66	1.42	0
6	21	297	33.9	350	106	1.34	19	6	293	10.0	367	68	1.46	33	31	293	29.0	348	95	1.38	19
7	23	302	21.0	402	110	1.44	17	18	299	15.3	372	93	1.37	0	41	300	18.6	389	103	1.41	10
8	27	326	22.7	506	129	1.44	30	17	327	23.6	518	106	1.47	41	44	326	22.8	510	119	1.45	34
9	20	336	17.7	590	131	1.54	40	22	339	19.0	570	125	1.46	55	43	338	18.2	580	125	1.49	48
10	14	369	28.7	796	226	1.54	86	14	362	22.1	761	132	1.60	64	28	366	25.4	779	182	1.57	75
11	15	369	23.8	763	188	1.50	47	21	378	17.7	888	167	1.63	90	36	374	20.7	836	184	1.58	72
12	8	381	32.5	838	203	1.49	88	9	394	41.7	1000	327	1.57	89	17	388	37.1	924	280	1.53	88
13	-	-	-	-	-	-	-	4	391	16.2	1038	125	1.74	100	4	391	16.2	1038	125	1.74	100
14	1	442	-	1350	-	1.56	100	1	422	-	1200	-	1.60	100	2	432	14.1	1275	106	1.58	100
TOTAL	133							112							252						
MEAN		331	40	556	233	1.46			346	39.4	660	269	1.52			336	40.8	596	256	1.48	
MEAN AGE	8.7																				

Table 109. Biological data by age group for lake whitefish caught by experimental gillnets (114mm mesh) in Area IV, Great Slave Lake, 1981.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
7	1	293	-	300	-	1.19	0	1	335	-	550	-	1.46	0	3	318	22.3	450	132	1.36	0
8	2	343	25.5	575	177	1.40	0	1	339	-	600	-	1.54	100	3	342	18.1	583	126	1.45	33
9	-	-	-	-	-	-	-	4	365	20.3	788	144	1.61	50	4	365	20.3	788	144	1.61	50
10	12	362	10.3	767	83	1.61	92	11	370	14.7	768	119	1.51	64	23	366	12.9	767	100	1.56	78
11	18	377	16.1	869	123	1.61	89	13	393	32.2	865	149	1.56	100	31	380	23.9	868	132	1.59	94
12	10	399	33.6	1055	329	1.61	100	12	399	30.4	1104	247	1.72	100	22	399	31.1	1082	281	1.67	100
13	2	407	37.5	925	247	1.36	100	3	408	16.7	1133	252	1.65	100	5	407	22.2	1050	245	1.53	100
14	1	413	-	1150	-	1.63	100	-	-	-	-	-	-	-	1	413	-	1150	-	1.63	100
TOTAL	46							45							92						
MEAN		377	29	866	233	1.58			382	29.8	903	234	1.60			379	29.7	880	235	1.59	
MEAN AGE	10.8																				

Table 110. Biological data by age group for lake whitefish caught by experimental gillnets (127mm mesh) in Area IV, Great Slave Lake, 1981.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
10	5	383	14.4	880	91	1.56	100	1	367	-	900	-	1.82	100	6	381	14.5	883	82	1.61	100
11	5	390	14.1	970	57	1.63	100	2	408	1.4	1100	0	1.62	100	7	395	14.4	1007	79	1.63	100
12	2	414	1.4	1100	71	1.55	100	7	397	19.0	1036	191	1.64	86	9	401	18.1	1050	170	1.62	89
13	1	400	-	950	-	1.48	100	-	-	-	-	-	-	-	1	400	-	950	-	1.48	100
14	1	434	-	1300	-	1.59	100	-	-	-	-	-	-	-	1	434	-	1300	-	1.59	100
TOTAL	14							10							24						
MEAN		395	19	979	134	1.58			396	19.2	1035	165	1.65			395	18.7	1002	147	1.61	
MEAN AGE	11.3																				

Table 111. Biological data by age group for lake whitefish caught by experimental gillnets (133mm mesh) in Area IV, Great Slave Lake, 1981.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
9	-	-	-	-	-	-	-	1	344	-	600	-	1.47	100	1	344	-	600	-	1.47	100
10	2	374	13.4	800	71	1.53	100	2	374	9.2	725	106	1.39	50	4	374	9.4	763	85	1.46	75
11	2	405	1.4	1125	35	1.69	100	5	388	12.0	980	76	1.67	100	7	393	12.8	1021	95	1.68	100
12	2	394	14.1	950	141	1.55	100	3	391	18.2	1050	180	1.74	100	5	392	14.8	1010	156	1.67	100
TOTAL	6							11							17						
MEAN		391	17	958	163	1.59			382	18.3	918	186	1.62			385	17.8	932	174	1.61	
MEAN AGE	10.9																				

Table 112. Biological data by age group for lake whitefish caught by experimental gillnets (139mm mesh) in Area IV, Great Slave Lake, 1981.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
7	-	-	-	-	-	-	-	1	406	-	1050	-	1.57	100	1	406	-	1050	-	1.57	100
9	1	399	-	900	-	1.42	100	-	-	-	-	-	-	-	1	399	-	900	-	1.42	100
10	1	388	-	950	-	1.63	0	1	348	-	600	-	1.42	100	2	368	28.3	775	247	1.53	50
11	2	399	31.1	1075	247	1.68	100	-	-	-	-	-	-	-	2	399	31.1	1075	247	1.68	100
12	3	370	56.5	1017	104	2.28	100	1	404	-	1000	-	1.52	100	4	378	49.3	1013	85	2.09	100
13	1	448	-	1300	-	1.45	100	-	-	-	-	-	-	-	1	448	-	1300	-	1.45	100
14	-	-	-	-	-	-	-	1	420	-	1300	-	1.75	100	1	420	-	1300	-	1.75	100
15	-	-	-	-	-	-	-	1	500	-	2100	-	1.68	100	1	500	-	2100	-	1.68	100
TOTAL	8							5							13						
MEAN		393	42	1044	161	1.84			416	54.6	1210	557	1.59			402	46.3	1108	355	1.74	
MEAN AGE	11.4																				

Table 113. Biological data by age group for lake whitefish caught by experimental gillnets in Area V, Great Slave Lake, 1981.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
2	1	178	-	100	-	1.77	0	-	-	-	-	-	-	-	62	175	19.3	65	25	1.22	0
3	17	216	24.1	138	49	1.33	6	11	213	36.6	150	32	2.04	0	223	199	23.5	102	36	1.38	0
4	13	258	27.9	227	90	1.27	0	15	248	36.7	207	75	1.29	7	60	239	34.0	170	79	1.19	2
5	53	283	23.3	292	87	1.25	9	37	286	26.6	288	92	1.20	3	103	279	28.1	275	95	1.22	6
6	56	302	28.1	355	126	1.25	21	45	302	36.6	372	112	1.46	4	109	301	31.6	358	117	1.33	13
7	55	332	30.6	486	169	1.28	25	55	331	27.4	482	129	1.32	24	111	331	29.4	482	150	1.30	24
8	36	350	36.4	618	190	1.43	53	35	361	41.8	639	259	1.31	40	72	355	39.9	624	227	1.37	46
9	31	380	29.6	789	262	1.40	77	26	382	29.8	750	223	1.32	69	57	381	29.4	771	244	1.36	74
10	44	392	31.2	859	206	1.41	75	40	392	23.0	890	187	1.45	85	84	392	27.4	874	197	1.43	80
11	65	407	26.3	928	207	1.36	89	45	414	33.9	1008	309	1.39	96	110	409	29.7	960	255	1.37	92
12	29	417	23.5	1005	188	1.37	86	41	416	25.9	1049	212	1.44	98	70	416	24.8	1031	202	1.41	93
13	14	421	30.9	1204	323	1.62	100	19	430	30.3	1113	255	1.38	100	33	427	30.4	1152	285	1.48	100
14	8	437	35.0	1169	283	1.38	100	11	445	25.7	1286	249	1.45	100	19	442	29.3	1237	263	1.42	100
15	5	442	33.2	1300	350	1.47	100	6	436	30.9	1208	235	1.44	100	11	439	30.5	1250	281	1.46	100
16	1	400	-	900	-	1.41	100	-	-	-	-	-	-	-	1	400	-	900	-	1.41	100
17	1	360	-	600	-	1.29	100	-	-	-	-	-	-	-	1	360	-	600	-	1.29	100
TOTAL	429							386							1126						
MEAN		349	65	643	356	1.34			358	66.7	692	378	1.39			311	89.9	510	402	1.34	
MEAN AGE	7.0																				

Table 114. Biological data by age group for lake whitefish caught by experimental gillnets (38mm mesh) in Area V, Great Slave Lake, 1981.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
2	1	178	-	100	-	1.77	0	-	-	-	-	-	-	-	62	175	19.3	65	25	1.22	0
3	14	209	20.0	121	32	1.31	0	7	198	37.2	136	24	2.49	0	210	197	21.8	97	30	1.38	0
4	3	229	24.6	150	50	1.24	0	5	213	44.7	150	94	1.40	0	32	216	23.7	117	50	1.15	0
5	4	268	27.4	250	82	1.27	0	5	288	22.1	290	82	1.18	20	15	257	34.4	210	100	1.14	7
6	6	283	20.9	283	52	1.24	17	2	222	128.7	250	141	3.91	0	9	271	56.2	278	67	1.82	11
7	5	328	48.8	520	295	1.34	20	5	354	31.6	590	198	1.29	60	10	341	41.1	555	240	1.31	40
8	1	317	-	400	-	1.26	0	-	-	-	-	-	-	-	1	317	-	400	-	1.26	0
9	2	380	17.0	700	141	1.27	100	3	381	11.5	717	115	1.29	67	5	380	11.8	710	108	1.28	80
10	3	401	42.3	917	325	1.38	67	3	403	14.0	950	87	1.45	100	6	402	28.2	933	214	1.41	83
11	5	422	20.6	1110	263	1.45	100	6	440	21.5	1175	397	1.39	100	11	432	22.0	1145	328	1.42	100
12	2	444	3.5	1225	35	1.41	100	3	421	23.2	1100	180	1.46	100	5	430	20.5	1150	146	1.44	100
13	1	405	-	900	-	1.35	100	1	422	-	1100	-	1.46	100	2	414	12.0	1000	141	1.41	100
14	2	470	7.1	1450	71	1.40	100	-	-	-	-	-	-	-	2	470	7.1	1450	71	1.40	100
TOTAL	49							40							370						
MEAN		303	92	488	444	1.33			320	100.5	576	446	1.67			222	71.6	195	288	1.34	
MEAN AGE	3.9																				

Table 115. Biological data by age group for lake whitefish caught by experimental gillnets (64mm mesh) in Area V, Great Slave Lake, 1981.

AGE	MALES							FEMALES							COMBINED						
	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			%
(YR)	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT
3	3	248	12.2	217	29	1.45	33	4	241	10.8	175	29	1.25	0	13	238	11.9	181	33	1.34	8
4	10	267	23.3	250	88	1.28	0	10	266	13.1	235	47	1.24	10	28	265	23.6	230	61	1.24	4
5	41	279	19.2	273	72	1.23	5	27	278	22.5	263	72	1.20	0	75	277	21.3	264	71	1.22	3
6	35	295	23.6	321	97	1.21	11	35	301	26.0	360	98	1.35	6	77	297	24.9	337	97	1.28	8
7	20	321	28.5	415	138	1.21	20	20	319	28.8	430	88	1.37	10	41	319	29.2	418	116	1.29	15
8	13	333	38.8	565	190	1.56	54	9	330	36.3	461	150	1.25	11	23	330	37.3	513	180	1.43	35
9	5	374	44.0	700	232	1.29	60	4	354	21.5	575	150	1.28	25	9	365	35.4	644	199	1.29	44
10	11	380	30.5	741	188	1.33	64	2	379	6.4	800	0	1.48	100	13	379	27.9	750	173	1.35	69
11	11	390	22.0	791	192	1.31	82	4	385	47.1	788	287	1.34	75	15	389	28.8	790	210	1.32	80
12	2	421	55.2	1025	389	1.34	100	4	409	20.5	988	165	1.44	100	6	413	30.1	1000	217	1.41	100
13	1	459	-	1300	-	1.34	100	-	-	-	-	-	-	-	1	459	-	1300	-	1.34	100
14	-	-	-	-	-	-	-	1	450	-	1100	-	1.21	100	1	450	-	1100	-	1.21	100
15	-	-	-	-	-	-	-	1	436	-	1150	-	1.39	100	1	436	-	1150	-	1.39	100
TOTAL	152							121							303						
MEAN		313	50	427	243	1.28			308	46.6	403	219	1.30			306	49.1	398	229	1.29	
MEAN AGE	6.4																				

Table 116. Biological data by age group for lake whitefish caught by experimental gillnets (89mm mesh) in Area V, Great Slave Lake, 1981.

Age	MALES							FEMALES							COMBINED						
	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			%	LENGTH(MM)			WEIGHT(G)			%
(YR)	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT
5	7	314	19.4	414	75	1.32	43	5	323	22.9	420	97	1.23	0	12	318	20.4	417	81	1.28	25
6	14	320	21.5	439	115	1.32	43	8	325	19.2	456	124	1.31	0	22	322	20.4	445	115	1.32	27
7	24	335	22.4	506	128	1.32	21	28	333	22.3	488	124	1.29	25	52	334	22.2	496	125	1.30	23
8	14	344	16.7	554	110	1.35	36	21	363	36.4	635	232	1.30	38	35	356	31.2	602	194	1.32	37
9	11	365	27.6	732	370	1.46	73	10	375	27.0	685	211	1.29	80	21	369	27.1	710	299	1.38	76
10	15	388	36.1	857	225	1.44	67	15	377	23.0	757	164	1.38	67	30	383	30.2	807	200	1.41	67
11	15	390	24.8	793	153	1.33	80	12	390	21.0	842	209	1.39	92	27	390	22.8	815	178	1.36	85
12	7	405	19.6	871	125	1.32	86	5	415	10.0	1090	124	1.52	100	12	409	16.5	963	164	1.40	92
13	4	413	43.9	1413	421	2.02	100	5	410	20.5	950	226	1.36	100	9	412	30.6	1156	389	1.66	100
14	-	-	-	-	-	-	-	2	417	14.8	1125	177	1.55	100	2	417	14.8	1125	177	1.55	100
15	2	414	24.7	1100	354	1.53	100	-	-	-	-	-	-	-	2	414	24.7	1100	354	1.53	100
TOTAL	113							111							224						
MEAN		359	40	670	293	1.38			362	37.4	662	252	1.33			361	38.7	666	273	1.36	
MEAN AGE	8.7																				

Table 117. Biological data by age group for lake whitefish caught by experimental gillnets (114mm mesh) in Area V, Great Slave Lake, 1981.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
5	1	305	-	400	-	1.41	0	-	-	-	-	-	-	-	1	305	-	400	-	1.41	0
7	5	354	43.2	600	237	1.29	60	2	358	5.7	650	71	1.41	50	7	355	35.4	614	197	1.32	57
8	5	397	29.5	800	141	1.28	80	2	389	8.5	775	35	1.32	100	7	394	24.6	793	117	1.29	86
9	10	392	16.5	870	134	1.43	90	4	383	25.7	750	220	1.31	50	14	390	19.0	836	163	1.40	79
10	4	394	9.2	863	103	1.41	100	11	403	18.6	950	118	1.44	100	15	401	16.9	927	118	1.43	100
11	20	413	18.6	945	150	1.33	95	13	408	23.8	927	199	1.34	100	33	411	20.6	938	168	1.34	97
12	12	419	24.5	1025	179	1.38	83	17	410	33.8	979	237	1.40	94	29	414	30.1	998	213	1.40	90
13	4	422	26.0	1025	240	1.35	100	4	451	32.0	1238	345	1.33	100	8	436	31.2	1131	298	1.34	100
14	5	429	36.7	1120	266	1.40	100	2	422	3.5	1075	35	1.44	100	7	427	30.2	1107	219	1.41	100
15	1	472	-	1700	-	1.62	100	2	428	65.8	1100	424	1.38	100	3	442	53.1	1300	458	1.46	100
16	1	400	-	900	-	1.41	100	-	-	-	-	-	-	-	1	400	-	900	-	1.41	100
17	1	360	-	600	-	1.29	100	-	-	-	-	-	-	-	1	360	-	600	-	1.29	100
TOTAL	69							57							126						
MEAN		404	33	922	234	1.36			408	31.3	953	233	1.38			406	32.1	936	233	1.37	
MEAN AGE	10.9																				

Table 118. Biological data by age group for lake whitefish caught by experimental gillnets (127mm mesh) in Area V, Great Slave Lake, 1981.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
8	1	367	-	800	-	1.62	100	1	428	-	1200	-	1.53	100	2	398	43.1	1000	283	1.57	100
9	1	402	-	850	-	1.31	100	2	416	27.6	1025	106	1.43	100	3	411	21.0	967	126	1.39	100
10	2	395	27.6	900	141	1.46	100	5	395	20.1	930	168	1.49	80	7	395	19.9	921	150	1.48	86
11	5	410	36.1	1040	210	1.51	80	3	441	41.3	1150	250	1.33	100	8	421	38.7	1081	215	1.44	88
12	4	417	8.3	1025	132	1.41	75	6	416	15.5	1033	160	1.42	100	10	417	12.5	1030	142	1.42	90
13	1	448	-	1200	-	1.33	100	5	436	28.5	1170	261	1.39	100	6	438	25.9	1175	234	1.38	100
14	-	-	-	-	-	-	-	1	469	-	1700	-	1.65	100	1	469	-	1700	-	1.65	100
15	1	477	-	1550	-	1.43	100	1	433	-	1150	-	1.42	100	2	455	31.1	1350	283	1.42	100
TOTAL	15							24							39						
MEAN		413	32	1033	218	1.45			422	28.3	1094	232	1.43			419	29.8	1071	226	1.44	
MEAN AGE	11.4																				

Table 119. Biological data by age group for lake whitefish caught by experimental gillnets (133mm mesh) in Area V, Great Slave Lake, 1981.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
6	1	391	-	800	-	1.34	100	-	-	-	-	-	-	-	1	391	-	800	-	1.34	100
8	2	398	13.4	975	35	1.56	100	1	415	-	1000	-	1.40	100	3	403	13.9	983	29	1.51	100
9	1	387	-	800	-	1.38	0	3	422	14.2	1050	50	1.40	100	4	413	21.0	988	131	1.39	75
10	5	414	19.6	1030	148	1.45	100	4	414	10.4	1175	144	1.65	100	9	414	15.2	1094	157	1.54	100
11	5	430	19.6	1140	96	1.43	100	5	449	23.4	1390	288	1.52	100	10	440	22.5	1265	242	1.48	100
12	2	420	30.4	1075	318	1.43	100	3	433	26.1	1317	275	1.62	100	5	427	25.0	1220	284	1.54	100
13	-	-	-	-	-	-	-	3	433	47.8	1083	225	1.37	100	3	433	47.8	1083	225	1.37	100
14	-	-	-	-	-	-	-	4	469	11.5	1475	119	1.44	100	4	469	11.5	1475	119	1.44	100
15	1	436	-	1050	-	1.27	100	1	440	-	1300	-	1.53	100	2	438	2.8	1175	177	1.40	100
TOTAL	17							24							41						
MEAN		416	22	1035	159	1.43			437	27.4	1258	238	1.50			428	27.2	1166	234	1.47	
MEAN AGE	11.0																				

Table 120. Biological data by age group for lake whitefish caught by experimental gillnets (139mm mesh) in Area V, Great Slave Lake, 1981.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
7	1	367	-	700	-	1.42	100	-	-	-	-	-	-	-	1	367	-	700	-	1.42	100
8	-	-	-	-	-	-	-	1	427	-	1150	-	1.48	100	1	427	-	1150	-	1.48	100
9	1	437	-	1150	-	1.38	100	-	-	-	-	-	-	-	1	437	-	1150	-	1.38	100
10	4	399	34.0	913	175	1.43	75	-	-	-	-	-	-	-	4	399	34.0	913	175	1.43	75
11	4	428	25.5	1088	165	1.38	100	2	441	9.9	1300	141	1.51	100	6	433	21.3	1158	180	1.42	100
12	-	-	-	-	-	-	-	3	438	7.6	1167	126	1.39	100	3	438	7.6	1167	126	1.39	100
13	3	416	30.3	1233	351	1.70	100	1	422	-	1250	-	1.66	100	4	418	24.9	1238	287	1.69	100
14	1	412	-	850	-	1.22	100	1	424	-	1050	-	1.38	100	2	418	8.5	950	141	1.30	100
15	-	-	-	-	-	-	-	1	453	-	1450	-	1.56	100	1	453	-	1450	-	1.56	100
TOTAL	14							9							23						
MEAN		412	30	1029	243	1.45			436	11.1	1222	142	1.48			422	26.6	1104	227	1.46	
MEAN AGE	11.3																				

Table 121. Biological data by length interval for lake trout caught by experimental gillnets, Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
175	1	198	50	-	0.64	0	-	-	-	-	-	-	1	198	50	-	0.64	0
250	-	-	-	-	-	-	-	-	-	-	-	-	1	270	200	-	1.02	0
300	1	306	300	-	1.05	0	-	-	-	-	-	-	2	315	300	0	0.96	0
325	3	340	433	29	1.10	0	-	-	-	-	-	-	4	336	413	48	1.08	0
350	1	364	500	-	1.04	0	1	363	450	-	0.94	0	2	364	475	35	0.99	0
375	2	379	625	35	1.15	0	1	378	500	-	0.93	0	4	380	588	63	1.07	0
400	6	411	630	272	0.92	0	2	409	775	106	1.13	0	8	410	666	243	0.97	0
425	9	436	922	91	1.11	11	3	430	867	58	1.09	0	12	435	908	85	1.10	8
450	1	456	950	-	1.00	100	2	461	975	106	0.99	100	3	459	967	76	1.00	100
475	2	491	1325	35	1.12	50	1	485	1100	-	0.96	0	3	489	1250	132	1.07	33
500	4	509	1438	165	1.09	50	2	513	1550	71	1.15	100	6	510	1475	144	1.11	67
525	2	539	1825	35	1.17	100	1	533	1800	-	1.19	100	3	537	1817	29	1.17	100
550	1	570	2500	-	1.35	100	3	568	2100	100	1.15	100	4	569	2200	216	1.20	100
575	-	-	-	-	-	-	2	582	2575	35	1.31	100	2	582	2575	35	1.31	100
625	1	640	2950	-	1.13	100	1	630	2900	-	1.16	100	2	635	2925	35	1.14	100
650	-	-	-	-	-	-	3	665	3500	520	1.20	100	3	665	3500	520	1.20	100
850	1	860	7000	-	1.10	100	-	-	-	-	-	-	1	860	7000	-	1.10	100
TOTAL	35						22						61					
MEAN		447	1169	1184	1.07			514	1723	1024	1.12			463	1316	1139	1.08	

Table 122. Biological data by length interval for lake trout caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
250	-	-	-	-	-	-	-	-	-	-	-	-						
650	-	-	-	-	-	-	1	664	3200	-	1.09	100	1	270	200	-	1.02	0
													1	664	3200	-	1.09	100
TOTAL	0						1						2					
MEAN		-	-	-	-			664	3200	-	1.09			467	1700	2121	1.05	

Table 123. Biological data by length interval for lake trout caught in experimental gillnets in Area V, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
175	1	198	50	-	0.64	0	-	-	-	-	-	-	1	198	50	-	0.64	0
300	1	306	300	-	1.05	0	-	-	-	-	-	-	2	315	300	0	0.96	0
325	3	340	433	29	1.10	0	-	-	-	-	-	-	4	336	413	48	1.08	0
350	1	364	500	-	1.04	0	1	363	450	-	0.94	0	2	364	475	35	0.99	0
375	2	379	625	35	1.15	0	1	378	500	-	0.93	0	4	380	588	63	1.07	0
400	6	411	630	272	0.92	0	2	409	775	106	1.13	0	8	410	666	243	0.97	0
425	9	436	922	91	1.11	11	3	430	867	58	1.09	0	12	435	908	85	1.10	8
450	1	456	950	-	1.00	100	2	461	975	106	0.99	100	3	459	967	76	1.00	100
475	2	491	1325	35	1.12	50	1	485	1100	-	0.96	0	3	489	1250	132	1.07	33
500	4	509	1438	165	1.09	50	2	513	1550	71	1.15	100	6	510	1475	144	1.11	67
525	2	539	1825	35	1.17	100	1	533	1800	-	1.19	100	3	537	1817	29	1.17	100
550	1	570	2500	-	1.35	100	3	568	2100	100	1.15	100	4	569	2200	216	1.20	100
575	-	-	-	-	-	-	2	582	2575	35	1.31	100	2	582	2575	35	1.31	100
625	1	640	2950	-	1.13	100	1	630	2900	-	1.16	100	2	635	2925	35	1.14	100
650	-	-	-	-	-	-	2	665	3650	636	1.25	100	2	665	3650	636	1.25	100
850	1	860	7000	-	1.10	100	-	-	-	-	-	-	1	860	7000	-	1.10	100
TOTAL	35						21						59					
MEAN		447	1169	1184	1.07			507	1652	993	1.12			463	1303	1122	1.08	

Table 124. Biological data by length interval for inconnu caught in experimental gillnets, Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
540	1	544	1800	-	1.12	0	-	-	-	-	-	-	1	544	1800	-	1.12	0
560	-	-	-	-	-	-	1	573	2050	-	1.09	0	1	573	2050	-	1.09	0
600	1	604	2100	-	0.95	100	-	-	-	-	-	-	1	604	2100	-	0.95	100
620	1	624	2850	-	1.17	100	-	-	-	-	-	-	1	624	2850	-	1.17	100
640	2	640	2800	0	1.07	100	-	-	-	-	-	-	2	640	2800	0	1.07	100
780	-	-	-	-	-	-	2	787	5825	389	1.20	100	2	787	5825	389	1.20	100
TOTAL	5						3						8					
MEAN		610	2470	487	1.08			716	4567	2197	1.16			650	3256	1641	1.11	

Table 125. Biological data by length interval for inconnu caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
600	1	604	2100	-	0.95	100	-	-	-	-	-	-	1	604	2100	-	0.95	100
780	-	-	-	-	-	-	1	780	6100	-	1.29	100	1	780	6100	-	1.29	100
TOTAL	1						1						2					
MEAN		604	2100	-	0.95			780	6100	-	1.29			692	4100	2828	1.12	

Table 126. Biological data by length interval for inconnu caught by experiment gillnets in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
620	1	624	2850	-	1.17	100	-	-	-	-	-	-	1	624	2850	-	1.17	100
640	2	640	2800	0	1.07	100	-	-	-	-	-	-	2	640	2800	0	1.07	100
780	-	-	-	-	-	-	1	794	5550	-	1.11	100	1	794	5550	-	1.11	100
TOTAL	3						1						4					
MEAN		635	2817	29	1.10			794	5550	-	1.11			675	3500	1367	1.10	

Table 127. Biological data by length interval for inconnu caught by experimental gillnets in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
540	1	544	1800	-	1.12	0	-	-	-	-	-	-	1	544	1800	-	1.12	0
560	-	-	-	-	-	-	1	573	2050	-	1.09	0	1	573	2050	-	1.09	0
TOTAL	1						1						2					
MEAN		544	1800	-	1.12			573	2050	-	1.09			559	1925	177	1.10	

Table 128. Biological data by length interval for yellow walleye caught by experimental gillnets, Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
180	-	-	-	-	-	-	-	-	-	-	-	-	1	181	50	-	0.84	0
220	-	-	-	-	-	-	-	-	-	-	-	-	1	229	150	-	1.25	0
230	1	237	150	-	1.13	0	-	-	-	-	-	-	1	237	150	-	1.13	0
260	-	-	-	-	-	-	-	-	-	-	-	-	1	261	200	-	1.12	0
270	1	270	200	-	1.02	0	1	275	250	-	1.20	0	2	273	225	35	1.11	0
290	-	-	-	-	-	-	-	-	-	-	-	-	1	298	250	-	0.94	0
370	-	-	-	-	-	-	1	379	250	-	0.46	0	1	379	250	-	0.46	0
660	-	-	-	-	-	-	1	666	2800	-	0.95	100	1	666	2800	-	0.95	100
TOTAL	2						3						9					
MEAN		254	175	35	1.07			440	1100	1472	0.87			311	478	873	0.99	

Table 129. Biological data by length interval for yellow walleye caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
660	-	-	-	-	-	-	1	666	2800	-	0.95	100	1	666	2800	-	0.95	100
TOTAL	0						1						1					
MEAN		-	-	-	-			666	2800	-	0.95			666	2800	-	0.95	

Table 130. Biological data by length interval for yellow walleye caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
220	-	-	-	-	-	-	-	-	-	-	-	-	1	229	150	-	1.25	0
270	-	-	-	-	-	-	1	275	250	-	1.20	0	1	275	250	-	1.20	0
290	-	-	-	-	-	-	-	-	-	-	-	-	1	298	250	-	0.94	0
370	-	-	-	-	-	-	1	379	250	-	0.46	0	1	379	250	-	0.46	0
TOTAL	0						2						4					
MEAN		-	-	-	-			327	250	0	0.83			295	225	50	0.96	

Table 131. Biological data by length interval for yellow walleye caught by experimental gillnets in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
180	-	-	-	-	-	-	-	-	-	-	-	-	1	181	50	-	0.84	0
230	1	237	150	-	1.13	0	-	-	-	-	-	-	1	237	150	-	1.13	0
260	-	-	-	-	-	-	-	-	-	-	-	-	1	261	200	-	1.12	0
270	1	270	200	-	1.02	0	-	-	-	-	-	-	1	270	200	-	1.02	0
TOTAL	2						0						4					
MEAN		254	175	35	1.07			-	-	-	-			237	150	71	1.03	

Table 132. Biological data by length interval for northern pike caught by experimental gillnets, Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
440	1	455	750	-	0.80	100	-	-	-	-	-	-	1	455	750	-	0.80	100
480	2	495	925	35	0.77	50	1	495	900	-	0.74	100	3	495	917	29	0.76	67
500	7	511	957	61	0.72	86	7	511	971	81	0.73	43	14	511	964	69	0.72	64
520	16	532	1066	54	0.71	81	9	532	1028	51	0.68	56	25	532	1052	55	0.70	72
540	42	550	1236	208	0.74	90	20	551	1183	122	0.71	90	62	550	1219	185	0.73	90
560	46	570	1334	214	0.72	96	26	570	1271	110	0.69	85	73	570	1310	184	0.71	92
580	46	589	1405	100	0.69	96	36	591	1413	99	0.69	97	82	590	1409	99	0.69	96
600	41	608	1540	134	0.69	100	46	609	1499	139	0.66	98	87	609	1518	138	0.67	99
620	36	628	1694	161	0.68	94	33	629	1669	172	0.67	97	69	629	1682	166	0.68	96
640	26	650	1879	251	0.68	96	20	649	1840	270	0.67	100	46	649	1862	257	0.68	98
660	19	669	2050	267	0.68	100	16	670	1922	280	0.64	100	35	669	1991	276	0.66	100
680	8	690	2125	122	0.65	100	14	689	2132	385	0.65	100	22	689	2130	311	0.65	100
700	7	708	2393	151	0.67	100	11	709	2418	265	0.68	100	18	709	2408	222	0.68	100
720	5	734	2490	479	0.63	100	7	730	2793	445	0.72	100	12	732	2667	464	0.68	100
740	4	749	2788	144	0.66	100	1	749	3500	-	0.83	100	5	749	2930	342	0.70	100
760	2	773	3200	141	0.69	100	6	766	2808	510	0.62	100	8	767	2906	471	0.64	100
780	-	-	-	-	-	-	3	793	3533	29	0.71	100	3	793	3533	29	0.71	100
800	-	-	-	-	-	-	2	815	3700	283	0.69	100	2	815	3700	283	0.69	100
820	-	-	-	-	-	-	2	833	4425	601	0.77	100	2	833	4425	601	0.77	100
840	2	840	5750	2475	0.97	100	1	855	4100	-	0.66	100	3	845	5200	1992	0.87	100
860	-	-	-	-	-	-	2	865	4550	354	0.70	100	2	865	4550	354	0.70	100
920	-	-	-	-	-	-	1	920	5050	-	0.65	100	1	920	5050	-	0.65	100
960	-	-	-	-	-	-	1	970	6250	-	0.68	100	1	970	6250	-	0.68	100
TOTAL	310						265						576					
MEAN		605	1585	563	0.70			628	1750	752	0.68			615	1660	661	0.69	

Table 133. Biological data by length interval for northern pike caught in experimental gillnets in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
440	1	455	750	-	0.80	100	-	-	-	-	-	-	1	455	750	-	0.80	100
480	2	495	925	35	0.77	50	-	-	-	-	-	-	2	495	925	35	0.77	50
500	7	511	957	61	0.72	86	6	513	992	66	0.74	50	13	512	973	63	0.73	69
520	10	532	1065	53	0.71	70	9	532	1028	51	0.68	56	19	532	1047	54	0.70	63
540	29	550	1178	79	0.71	86	14	550	1146	95	0.69	86	43	550	1167	84	0.70	86
560	35	570	1329	233	0.72	97	16	568	1228	97	0.67	75	51	569	1297	205	0.70	90
580	42	589	1389	84	0.68	95	25	591	1382	83	0.67	96	67	590	1387	83	0.68	96
600	31	608	1552	140	0.69	100	31	609	1435	82	0.64	97	62	609	1494	128	0.66	98
620	30	628	1685	169	0.68	93	24	630	1660	129	0.66	96	54	629	1674	152	0.67	94
640	21	650	1845	262	0.67	95	12	650	1813	332	0.66	100	33	650	1833	285	0.67	97
660	15	670	2060	299	0.69	100	15	669	1913	288	0.64	100	30	669	1987	298	0.66	100
680	7	690	2114	128	0.64	100	9	690	2050	424	0.63	100	16	690	2078	322	0.63	100
700	5	707	2360	164	0.67	100	9	708	2378	235	0.67	100	14	708	2371	205	0.67	100
720	3	736	2317	580	0.58	100	5	729	2790	515	0.72	100	8	732	2613	555	0.67	100
740	4	749	2788	144	0.66	100	-	-	-	-	-	-	4	749	2788	144	0.66	100
760	1	770	3100	-	0.68	100	6	765	2808	510	0.62	100	7	766	2850	479	0.63	100
780	-	-	-	-	-	-	3	793	3533	29	0.71	100	3	793	3533	29	0.71	100
800	-	-	-	-	-	-	2	815	3700	283	0.69	100	2	815	3700	283	0.69	100
820	-	-	-	-	-	-	2	833	4425	601	0.77	100	2	833	4425	601	0.77	100
840	2	840	5750	2475	0.97	100	1	855	4100	-	0.66	100	3	845	5200	1992	0.87	100
860	-	-	-	-	-	-	2	865	4550	354	0.70	100	2	865	4550	354	0.70	100
920	-	-	-	-	-	-	1	920	5050	-	0.65	100	1	920	5050	-	0.65	100
960	-	-	-	-	-	-	1	970	6250	-	0.68	100	1	970	6250	-	0.68	100
TOTAL	245						193						438					
MEAN		605	1578	586	0.69			633	1773	833	0.66			618	1664	711	0.68	

Table 134. Biological data by length interval for northern pike caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
540	2	549	1225	106	0.74	100	-	-	-	-	-	-	2	549	1225	106	0.74	100
560	6	573	1308	128	0.69	83	3	576	1350	50	0.71	100	9	574	1322	106	0.70	89
580	1	593	1700	-	0.82	100	3	591	1433	153	0.70	100	4	591	1500	183	0.73	100
600	3	602	1450	150	0.66	100	5	613	1680	144	0.73	100	8	609	1594	180	0.71	100
620	-	-	-	-	-	-	4	627	1625	371	0.66	100	4	627	1625	371	0.66	100
640	1	659	2100	-	0.73	100	1	656	1950	-	0.69	100	2	658	2025	106	0.71	100
660	3	665	2050	50	0.70	100	1	674	2050	-	0.67	100	4	668	2050	41	0.69	100
680	-	-	-	-	-	-	2	693	2375	530	0.71	100	2	693	2375	530	0.71	100
700	-	-	-	-	-	-	1	715	2900	-	0.79	100	1	715	2900	-	0.79	100
720	1	738	2650	-	0.66	100	-	-	-	-	-	-	1	738	2650	-	0.66	100
740	-	-	-	-	-	-	1	749	3500	-	0.83	100	1	749	3500	-	0.83	100
TOTAL	17						21						38					
MEAN		608	1603	431	0.70			631	1829	586	0.71			621	1728	528	0.71	

Table 135. Biological data by length interval for northern pike caught by experimental gillnets in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
480	-	-	-	-	-	-	1	495	900	-	0.74	100	1	495	900	-	0.74	100
520	5	533	1050	50	0.70	100	-	-	-	-	-	-	5	533	1050	50	0.70	100
540	9	549	1439	371	0.87	100	5	550	1250	154	0.75	100	14	549	1371	318	0.83	100
560	5	570	1400	158	0.76	100	5	568	1360	129	0.74	100	11	569	1364	142	0.74	100
580	3	593	1533	58	0.73	100	8	589	1500	80	0.74	100	11	590	1509	74	0.74	100
600	6	611	1525	108	0.67	100	8	607	1575	146	0.70	100	14	609	1554	129	0.69	100
620	1	621	1600	-	0.67	100	3	626	1700	173	0.69	100	4	625	1675	150	0.69	100
640	1	640	1950	-	0.74	100	5	645	1820	135	0.68	100	6	644	1842	132	0.69	100
680	-	-	-	-	-	-	1	689	2200	-	0.67	100	1	689	2200	-	0.67	100
700	1	713	2400	-	0.66	100	-	-	-	-	-	-	1	713	2400	-	0.66	100
720	1	725	2850	-	0.75	100	-	-	-	-	-	-	1	725	2850	-	0.75	100
TOTAL	32						36						69					
MEAN		581	1492	411	0.75			596	1526	262	0.72			588	1506	337	0.73	

Table 136. Biological data by length interval for northern pike caught by experimental gillnets in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
540	1	544	1100	-	0.68	100	1	556	1350	-	0.79	100	2	550	1225	177	0.73	100
560	-	-	-	-	-	-	1	574	1300	-	0.69	100	1	574	1300	-	0.69	100
600	1	610	1550	-	0.68	100	-	-	-	-	-	-	1	610	1550	-	0.68	100
620	1	637	1600	-	0.62	100	2	637	1825	177	0.71	100	3	637	1750	180	0.68	100
660	1	675	1900	-	0.62	100	-	-	-	-	-	-	1	675	1900	-	0.62	100
680	1	686	2200	-	0.68	100	1	688	2250	-	0.69	100	2	687	2225	35	0.69	100
700	1	708	2550	-	0.72	100	1	718	2300	-	0.62	100	2	713	2425	177	0.67	100
720	-	-	-	-	-	-	2	732	2800	354	0.71	100	2	732	2800	354	0.71	100
760	1	775	3300	-	0.71	100	-	-	-	-	-	-	1	775	3300	-	0.71	100
TOTAL	7						8						15					
MEAN		662	2029	731	0.67			659	2056	602	0.70			660	2043	641	0.69	

Table 137. Biological data by length interval for northern pike caught by experimental gillnets in Area V, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
500	-	-	-	-	-	-	1	505	850	-	0.66	0	1	505	850	-	0.66	0
520	1	539	1150	-	0.73	100	-	-	-	-	-	-	1	539	1150	-	0.73	100
540	1	545	1250	-	0.77	100	-	-	-	-	-	-	1	545	1250	-	0.77	100
560	-	-	-	-	-	-	1	573	1250	-	0.66	100	1	573	1250	-	0.66	100
600	-	-	-	-	-	-	2	615	1725	35	0.74	100	2	615	1725	35	0.74	100
620	4	630	1813	48	0.73	100	-	-	-	-	-	-	4	630	1813	48	0.73	100
640	3	653	2017	176	0.73	100	2	645	2000	141	0.75	100	5	650	2010	143	0.73	100
680	-	-	-	-	-	-	1	680	2200	-	0.70	100	1	680	2200	-	0.70	100
TOTAL	9						7						16					
MEAN		618	1744	337	0.73			611	1679	479	0.71			615	1716	391	0.72	

Table 138. Biological data by length interval for round whitefish caught by experimental gillnets, Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
170	-	-	-	-	-	-	-	-	-	-	-	-	1	170	50	-	1.02	0
180	-	-	-	-	-	-	2	188	50	0	0.76	0	4	186	50	0	0.77	0
190	-	-	-	-	-	-	-	-	-	-	-	-	2	193	50	0	0.70	0
200	-	-	-	-	-	-	1	207	100	-	1.13	0	3	203	100	0	1.19	0
210	-	-	-	-	-	-	2	211	100	0	1.06	0	3	211	100	0	1.07	0
220	-	-	-	-	-	-	1	229	100	-	0.83	0	1	229	100	-	0.83	0
240	1	245	150	-	1.02	0	-	-	-	-	-	-	1	245	150	-	1.02	0
260	1	265	300	-	1.61	0	-	-	-	-	-	-	1	265	300	-	1.61	0
270	1	279	250	-	1.15	0	-	-	-	-	-	-	1	279	250	-	1.15	0
280	1	287	250	-	1.06	100	-	-	-	-	-	-	1	287	250	-	1.06	100
290	2	293	300	0	1.20	100	2	293	325	35	1.29	50	4	293	313	25	1.24	75
300	1	306	350	-	1.22	100	2	304	300	0	1.07	50	3	304	317	29	1.12	67
310	3	317	417	161	1.31	100	1	319	400	-	1.23	100	4	318	413	131	1.29	100
320	2	325	375	35	1.10	100	5	325	390	22	1.13	80	7	325	386	24	1.12	86
330	2	332	425	35	1.17	100	5	334	420	27	1.13	100	7	333	421	27	1.14	100
340	7	343	479	39	1.19	71	3	343	433	76	1.07	100	10	343	465	53	1.15	80
350	3	357	600	0	1.32	100	2	356	500	0	1.11	100	5	356	560	55	1.24	100
360	1	360	500	-	1.07	0	1	366	500	-	1.02	100	2	363	500	0	1.05	50
370	3	376	667	29	1.26	67	2	378	650	71	1.21	100	5	376	660	42	1.24	80
380	2	382	750	0	1.35	50	2	387	600	141	1.04	100	4	384	675	119	1.19	75
390	4	393	738	48	1.22	100	1	390	750	-	1.26	100	5	392	740	42	1.23	100
400	1	404	800	-	1.21	100	4	402	750	58	1.15	75	5	403	760	55	1.17	80
410	3	413	967	29	1.37	100	2	414	875	106	1.24	100	5	413	930	76	1.32	100
430	1	435	1100	-	1.34	100	1	432	900	-	1.12	100	2	434	1000	141	1.23	100
TOTAL	39						39						86					
MEAN		349	555	228	1.24			332	459	236	1.11			326	466	258	1.15	

Table 139. Biological data by length interval for round whitefish caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
330	-	-	-	-	-	-	1	330	450	-	1.25	100	1	330	450	-	1.25	100
430	1	435	1100	-	1.34	100	-	-	-	-	-	-	1	435	1100	-	1.34	100
TOTAL	1						1						2					
MEAN		435	1100	-	1.34			330	450	-	1.25			383	775	460	1.29	

Table 140. Biological data by length interval for round whitefish caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
200	-	-	-	-	-	-	-	-	-	-	-	-	1	202	100	-	1.21	*
210	-	-	-	-	-	-	2	211	100	0	1.06	0	2	211	100	0	1.06	0
270	1	279	250	-	1.15	0	-	-	-	-	-	-	1	279	250	-	1.15	0
310	1	315	300	-	0.96	100	-	-	-	-	-	-	1	315	300	-	0.96	100
TOTAL	2						2						5					
MEAN		297	275	35	1.06			211	100	0	1.06			244	170	97	1.09	

Table 141. Biological data by length interval for round whitefish caught by experimental gillnets in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
170	-	-	-	-	-	-	-	-	-	-	-	-	1	170	50	-	1.02	0
180	-	-	-	-	-	-	2	188	50	0	0.76	0	4	186	50	0	0.77	0
190	-	-	-	-	-	-	-	-	-	-	-	-	2	193	50	0	0.70	0
200	-	-	-	-	-	-	1	207	100	-	1.13	0	2	204	100	0	1.18	0
210	-	-	-	-	-	-	-	-	-	-	-	-	1	210	100	-	1.08	0
220	-	-	-	-	-	-	1	229	100	-	0.83	0	1	229	100	-	0.83	0
280	1	287	250	-	1.06	100	-	-	-	-	-	-	1	287	250	-	1.06	100
290	2	293	300	0	1.20	100	-	-	-	-	-	-	2	293	300	0	1.20	100
300	-	-	-	-	-	-	1	300	300	-	1.11	0	1	300	300	-	1.11	0
310	-	-	-	-	-	-	1	319	400	-	1.23	100	1	319	400	-	1.23	100
320	1	322	350	-	1.05	100	2	325	400	0	1.17	50	3	324	383	29	1.13	67
340	1	345	450	-	1.10	100	1	341	350	-	0.88	100	2	343	400	71	0.99	100
TOTAL	5						9						21					
MEAN		308	330	76	1.12			269	239	160	1.00			252	202	151	1.00	

Table 142. Biological data by length interval for round whitefish caught by experimental gillnets in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
290	-	-	-	-	-	-	1	296	350	-	1.35	100	1	296	350	-	1.35	100
TOTAL MEAN	0	-	-	-	-		1	296	350	-	1.35		1	296	350	-	1.35	

Table 143. Biological data by length interval for round whitefish caught in experimental gillnets in Area V, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
240	1	245	150	-	1.02	0	-	-	-	-	-	-	1	245	150	-	1.02	0
260	1	265	300	-	1.61	0	-	-	-	-	-	-	1	265	300	-	1.61	0
290	-	-	-	-	-	-	1	290	300	-	1.23	0	1	290	300	-	1.23	0
300	1	306	350	-	1.22	100	1	307	300	-	1.04	100	2	307	325	35	1.13	100
310	2	318	475	177	1.48	100	-	-	-	-	-	-	2	318	475	177	1.48	100
320	1	327	400	-	1.14	100	3	325	383	29	1.11	100	4	326	388	25	1.12	100
330	2	332	425	35	1.17	100	4	335	413	25	1.09	100	6	334	417	26	1.12	100
340	6	343	483	41	1.20	67	2	344	475	35	1.17	100	8	343	481	37	1.19	75
350	3	357	600	0	1.32	100	2	356	500	0	1.11	100	5	356	560	55	1.24	100
360	1	360	500	-	1.07	0	1	366	500	-	1.02	100	2	363	500	0	1.05	50
370	3	376	667	29	1.26	67	2	378	650	71	1.21	100	5	376	660	42	1.24	80
380	2	382	750	0	1.35	50	2	387	600	141	1.04	100	4	384	675	119	1.19	75
390	4	393	738	48	1.22	100	1	390	750	-	1.26	100	5	392	740	42	1.23	100
400	1	404	800	-	1.21	100	4	402	750	58	1.15	75	5	403	760	55	1.17	80
410	3	413	967	29	1.37	100	2	414	875	106	1.24	100	5	413	930	76	1.32	100
430	-	-	-	-	-	-	1	432	900	-	1.12	100	1	432	900	-	1.12	100
TOTAL MEAN	31	356	592	200	1.26		26	364	567	190	1.14		57	360	581	195	1.21	

Table 144. Biological data by length interval for lake cisco caught by experimental gillnets, Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
140	-	-	-	-	-	-	-	-	-	-	-	-	1	145	50	-	1.64	0
150	-	-	-	-	-	-	-	-	-	-	-	-	2	153	45	7	1.26	0
160	2	164	50	0	1.15	50	1	160	50	-	1.22	0	3	162	50	0	1.17	33
170	5	173	53	7	1.02	60	5	171	52	4	1.03	100	10	172	53	5	1.03	80
180	2	187	50	0	0.77	50	3	185	67	29	1.04	67	5	186	60	22	0.93	60
190	3	193	93	12	1.31	67	2	194	73	32	0.98	100	5	193	85	21	1.18	80
200	1	204	75	-	0.88	100	3	207	83	29	0.95	100	5	207	75	25	0.85	100
210	4	216	100	0	0.99	75	6	215	102	11	1.02	100	11	215	100	9	1.00	82
220	2	226	100	0	0.87	100	2	226	100	0	0.87	50	4	226	100	0	0.87	75
230	3	239	183	58	1.35	67	5	237	160	55	1.21	80	10	237	160	52	1.20	75
240	2	241	100	0	0.72	50	3	245	190	17	1.30	67	6	243	145	50	1.01	60
250	7	255	164	38	0.99	29	12	256	196	33	1.16	67	21	255	181	40	1.09	50
260	9	265	211	22	1.13	33	9	262	200	25	1.11	67	22	264	205	21	1.11	50
270	8	276	247	34	1.18	75	18	274	226	24	1.10	44	30	275	230	28	1.11	52
280	22	284	257	25	1.12	41	20	284	255	43	1.11	55	44	284	256	33	1.12	48
290	11	294	275	51	1.09	82	23	294	277	47	1.09	57	39	294	274	45	1.08	65
300	13	305	338	42	1.19	69	23	305	313	47	1.10	57	39	305	318	49	1.12	59
310	11	317	378	34	1.19	82	23	315	368	41	1.17	70	36	316	369	40	1.17	74
320	22	324	420	48	1.24	68	18	325	427	63	1.25	89	42	324	422	53	1.24	78
330	24	334	455	44	1.22	83	19	334	476	55	1.28	63	48	334	457	51	1.23	74
340	31	345	505	74	1.23	81	26	345	520	62	1.27	81	58	345	512	68	1.24	81
350	35	354	537	41	1.21	89	27	354	548	58	1.24	100	69	354	543	50	1.22	92
360	21	364	616	38	1.28	95	36	365	618	60	1.27	89	57	364	617	53	1.28	91
370	23	374	613	61	1.17	96	27	374	642	58	1.23	100	51	374	627	61	1.20	98
380	14	384	693	55	1.22	93	37	384	690	75	1.22	100	52	384	690	69	1.22	98
390	8	395	741	121	1.21	100	28	393	764	96	1.26	96	38	394	759	99	1.24	97
400	6	404	763	77	1.16	100	20	405	835	113	1.26	100	26	405	818	109	1.23	100
410	5	413	880	91	1.25	100	19	414	923	86	1.30	100	24	414	914	87	1.29	100
420	3	422	870	26	1.16	100	13	424	946	114	1.24	100	16	424	932	107	1.22	100
430	2	434	975	35	1.19	100	13	435	1012	110	1.23	100	15	435	1007	103	1.22	100
440	-	-	-	-	-	-	12	445	1079	116	1.23	100	12	445	1079	116	1.23	100
450	-	-	-	-	-	-	4	455	1100	158	1.16	100	4	455	1100	158	1.16	100
460	-	-	-	-	-	-	3	464	1317	161	1.32	100	3	464	1317	161	1.32	100
470	-	-	-	-	-	-	1	477	1500	-	1.38	100	1	477	1500	-	1.38	100
TOTAL	299						461						809					
MEAN		327	452	203	1.18			344	547	285	1.20			335	499	260	1.19	

Table 145. Biological data by length interval for lake cisco caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
180	-	-	-	-	-	-	1	188	100	-	1.50	0	1	188	100	-	1.50	0
230	1	239	150	-	1.10	0	-	-	-	-	-	-	1	239	150	-	1.10	0
250	-	-	-	-	-	-	1	256	200	-	1.19	100	1	256	200	-	1.19	100
270	-	-	-	-	-	-	2	273	225	35	1.11	50	2	273	225	35	1.11	50
280	-	-	-	-	-	-	2	286	275	35	1.19	50	2	286	275	35	1.19	50
290	1	299	400	-	1.50	100	2	295	350	0	1.37	50	3	296	367	29	1.41	67
300	-	-	-	-	-	-	2	307	300	0	1.04	50	2	307	300	0	1.04	50
320	2	322	425	106	1.27	100	4	327	475	65	1.37	100	6	325	458	74	1.34	100
330	-	-	-	-	-	-	1	336	500	-	1.32	100	1	336	500	-	1.32	100
340	1	346	500	-	1.21	0	-	-	-	-	-	-	1	346	500	-	1.21	0
350	-	-	-	-	-	-	2	357	625	35	1.37	100	2	357	625	35	1.37	100
360	-	-	-	-	-	-	1	367	550	-	1.11	100	1	367	550	-	1.11	100
370	-	-	-	-	-	-	2	378	575	35	1.07	100	2	378	575	35	1.07	100
390	1	395	500	-	0.81	100	-	-	-	-	-	-	1	395	500	-	0.81	100
TOTAL	6						20						26					
MEAN		321	400	138	1.19			312	398	159	1.24			314	398	152	1.23	

Table 146. Biological data by length interval for lake cisco caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
170	1	179	65	-	1.13	100	1	175	60	-	1.12	100	2	177	63	4	1.13	100
190	1	195	80	-	1.08	100	1	197	95	-	1.24	100	2	196	88	11	1.16	100
200	1	204	75	-	0.88	100	-	-	-	-	-	-	2	207	63	18	0.72	100
210	1	212	100	-	1.05	100	3	215	103	18	1.04	100	5	214	100	14	1.02	80
220	-	-	-	-	-	-	1	228	100	-	0.84	0	1	228	100	-	0.84	0
240	-	-	-	-	-	-	1	245	170	-	1.16	0	1	245	170	-	1.16	0
250	-	-	-	-	-	-	1	259	200	-	1.15	0	2	255	150	71	0.90	0
260	5	264	220	27	1.20	0	2	263	200	0	1.11	0	11	265	209	20	1.13	0
270	2	279	263	18	1.21	50	8	275	233	19	1.12	25	13	275	230	26	1.10	30
280	9	285	261	27	1.12	11	4	287	263	25	1.11	50	15	285	260	23	1.12	23
290	2	294	290	14	1.14	50	5	293	282	25	1.12	40	12	294	274	24	1.08	43
300	3	302	333	58	1.20	67	9	305	310	63	1.09	78	14	305	306	64	1.08	75
310	3	316	370	26	1.17	33	5	314	383	55	1.24	40	10	315	368	47	1.18	38
320	5	325	419	44	1.22	40	5	323	378	56	1.12	60	12	324	399	47	1.17	50
330	7	335	460	34	1.23	57	5	333	467	51	1.26	60	17	334	444	44	1.19	58
340	12	345	501	39	1.22	83	11	345	533	47	1.29	73	24	345	516	44	1.25	78
350	18	354	542	44	1.23	89	11	353	540	42	1.23	100	36	354	543	46	1.23	90
360	10	365	609	35	1.26	100	14	365	613	63	1.26	93	24	365	611	52	1.26	96
370	12	373	630	70	1.21	92	13	374	649	54	1.24	100	26	374	636	63	1.22	96
380	5	382	680	57	1.22	100	18	384	696	48	1.23	100	23	384	692	49	1.23	100
390	2	392	738	18	1.23	100	8	393	786	108	1.30	100	12	393	776	94	1.27	100
400	2	404	688	88	1.05	100	3	405	797	129	1.20	100	5	404	753	117	1.14	100
410	1	416	850	-	1.18	100	4	414	846	78	1.19	100	5	414	847	67	1.19	100
420	1	421	860	-	1.15	100	3	425	950	132	1.24	100	4	424	928	117	1.22	100
430	-	-	-	-	-	-	1	435	900	-	1.09	100	1	435	900	-	1.09	100
TOTAL	103						137						279					
MEAN		336	482	174	1.20			343	524	220	1.21			336	485	205	1.18	

Table 147. Biological data by length interval for lake cisco caught by experimental gillnets in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
170	1	173	50	-	0.97	100	-	-	-	-	-	-	1	173	50	-	0.97	100
210	1	219	100	-	0.95	100	-	-	-	-	-	-	1	219	100	-	0.95	100
250	1	259	200	-	1.15	0	3	259	200	0	1.16	33	4	259	200	0	1.15	25
260	3	267	200	0	1.05	67	1	260	200	-	1.14	0	4	265	200	0	1.07	50
270	2	274	225	35	1.09	50	2	272	250	0	1.25	0	4	273	238	25	1.17	25
280	8	282	244	18	1.08	63	4	283	263	25	1.17	0	12	282	250	21	1.11	42
290	1	290	300	-	1.23	100	3	294	283	29	1.12	0	4	293	288	25	1.15	25
300	5	307	330	27	1.14	60	2	306	325	35	1.14	50	7	306	329	27	1.14	57
310	3	316	367	29	1.16	100	4	314	350	41	1.13	25	7	315	357	35	1.14	57
320	1	322	400	-	1.20	100	-	-	-	-	-	-	1	322	400	-	1.20	100
330	3	330	450	50	1.25	100	2	334	425	106	1.14	0	5	331	440	65	1.21	60
340	3	345	450	50	1.09	100	5	343	510	55	1.26	80	8	344	488	58	1.20	88
350	3	353	533	29	1.22	100	2	354	550	71	1.24	100	5	353	540	42	1.23	100
360	3	363	633	29	1.33	67	5	363	580	27	1.22	80	8	363	600	38	1.26	75
370	2	372	575	35	1.12	100	4	373	613	25	1.18	100	6	373	600	32	1.16	100
380	1	385	600	-	1.05	100	2	384	750	141	1.33	100	3	384	700	132	1.24	100
390	-	-	-	-	-	-	2	397	775	106	1.24	100	2	397	775	106	1.24	100
400	-	-	-	-	-	-	2	407	825	247	1.22	100	2	407	825	247	1.22	100
430	1	436	950	-	1.15	100	-	-	-	-	-	-	1	436	950	-	1.15	100
TOTAL	42						43						85					
MEAN		312	374	178	1.14			331	460	199	1.19			321	418	193	1.17	

Table 148. Biological data by length interval for lake cisco caught by experimental gillnets in Area III, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
140	-	-	-	-	-	-	-	-	-	-	-	-	1	145	50	-	1.64	0
150	-	-	-	-	-	-	-	-	-	-	-	-	1	150	40	-	1.19	0
170	1	170	50	-	1.02	0	-	-	-	-	-	-	1	170	50	-	1.02	0
200	-	-	-	-	-	-	1	206	100	-	1.14	100	1	206	100	-	1.14	100
210	1	216	100	-	0.99	0	2	215	100	0	1.01	100	3	215	100	0	1.01	67
220	1	228	100	-	0.84	100	-	-	-	-	-	-	1	228	100	-	0.84	100
230	-	-	-	-	-	-	1	235	150	-	1.16	100	3	235	133	29	1.02	100
240	1	241	100	-	0.71	0	-	-	-	-	-	-	2	241	100	0	0.72	0
250	1	256	150	-	0.89	0	3	255	167	29	1.01	67	5	255	170	27	1.03	40
270	-	-	-	-	-	-	2	273	200	0	0.99	100	2	273	200	0	0.99	100
290	-	-	-	-	-	-	3	294	250	50	0.98	67	3	294	250	50	0.98	67
300	1	307	300	-	1.04	0	6	305	300	32	1.06	17	8	305	300	27	1.06	13
310	-	-	-	-	-	-	3	316	367	58	1.16	67	3	316	367	58	1.16	67
320	2	327	400	0	1.14	0	1	328	350	-	0.99	100	3	327	383	29	1.09	33
330	5	334	430	45	1.15	100	1	334	450	-	1.21	0	6	334	433	41	1.16	83
340	5	345	500	35	1.22	40	3	345	500	0	1.22	100	8	345	500	27	1.22	63
350	7	355	529	49	1.18	86	6	354	525	69	1.19	100	13	354	527	56	1.18	92
360	3	362	583	29	1.23	100	8	365	650	60	1.34	75	11	364	632	60	1.31	82
370	3	374	600	50	1.15	100	4	376	675	96	1.27	100	7	375	643	84	1.22	100
380	2	383	650	0	1.16	100	9	383	700	56	1.24	100	12	384	688	53	1.22	100
390	2	397	700	0	1.12	100	13	393	731	95	1.21	92	15	393	727	88	1.20	93
400	4	404	800	41	1.21	100	9	404	828	87	1.25	100	13	404	819	75	1.24	100
410	2	413	900	141	1.28	100	12	414	925	69	1.30	100	14	414	921	75	1.30	100
420	2	422	875	35	1.16	100	8	425	944	129	1.23	100	10	424	930	118	1.22	100
430	1	432	1000	-	1.24	100	11	436	1036	100	1.25	100	12	435	1033	96	1.25	100
440	-	-	-	-	-	-	11	445	1086	119	1.24	100	11	445	1086	119	1.24	100
450	-	-	-	-	-	-	4	455	1100	158	1.16	100	4	455	1100	158	1.16	100
460	-	-	-	-	-	-	3	464	1317	161	1.32	100	3	464	1317	161	1.32	100
470	-	-	-	-	-	-	1	477	1500	-	1.38	100	1	477	1500	-	1.38	100
TOTAL	44						125						177					
MEAN		351	544	229	1.15			384	748	314	1.21			369	672	320	1.19	

Table 149. Biological data by length interval for lake cisco caught by experimental gillnets in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
150	-	-	-	-	-	-	-	-	-	-	-	-	1	155	50	-	1.34	0
160	2	164	50	0	1.15	50	1	160	50	-	1.22	0	3	162	50	0	1.17	33
170	2	172	50	0	0.98	50	4	170	50	0	1.01	100	6	171	50	0	1.00	83
180	2	187	50	0	0.77	50	2	184	50	0	0.81	100	4	186	50	0	0.79	75
190	2	192	100	0	1.42	50	1	191	50	-	0.72	100	3	191	83	29	1.19	67
200	-	-	-	-	-	-	2	208	75	35	0.85	100	2	208	75	35	0.85	100
210	1	217	100	-	0.98	100	1	218	100	-	0.97	100	2	218	100	0	0.97	100
220	1	223	100	-	0.90	100	1	224	100	-	0.89	100	2	224	100	0	0.90	100
230	2	239	200	71	1.48	100	4	237	163	63	1.22	75	6	238	175	61	1.31	83
240	1	240	100	-	0.72	100	2	246	200	0	1.37	100	3	243	167	58	1.15	100
250	5	254	160	42	0.98	40	4	255	213	48	1.28	100	9	255	183	50	1.12	67
260	1	267	200	-	1.05	100	6	263	200	32	1.10	100	7	263	200	29	1.10	100
270	4	275	250	41	1.20	100	4	275	213	25	1.03	75	9	275	233	35	1.12	78
280	5	284	270	27	1.18	60	10	283	245	55	1.07	80	15	283	253	48	1.11	73
290	7	293	250	29	0.99	86	10	294	265	53	1.04	80	17	294	259	44	1.02	82
300	4	306	363	48	1.27	100	4	305	338	48	1.20	75	8	305	350	46	1.23	88
310	5	317	390	42	1.22	100	11	316	368	34	1.16	100	16	317	375	37	1.18	100
320	12	323	425	50	1.25	83	8	325	444	42	1.29	100	20	324	433	47	1.27	90
330	9	334	467	50	1.25	89	10	334	490	52	1.32	80	19	334	479	51	1.29	84
340	10	346	530	116	1.28	100	7	346	514	99	1.24	86	17	346	524	106	1.27	94
350	7	356	536	38	1.19	86	6	354	558	66	1.25	100	13	355	546	52	1.22	92
360	5	363	640	42	1.34	100	8	365	625	60	1.28	100	13	364	631	52	1.30	100
370	6	375	600	55	1.13	100	4	372	650	41	1.27	100	10	374	620	54	1.19	100
380	6	386	733	26	1.28	83	8	386	650	116	1.13	100	14	386	686	97	1.20	93
390	3	395	850	50	1.38	100	5	394	810	65	1.32	100	8	395	825	60	1.34	100
400	-	-	-	-	-	-	6	405	867	125	1.30	100	6	405	867	125	1.30	100
410	2	413	875	106	1.25	100	3	415	1017	76	1.43	100	5	414	960	108	1.36	100
420	-	-	-	-	-	-	2	422	950	71	1.27	100	2	422	950	71	1.27	100
430	-	-	-	-	-	-	1	430	850	-	1.07	100	1	430	850	-	1.07	100
440	-	-	-	-	-	-	1	448	1000	-	1.11	100	1	448	1000	-	1.11	100
TOTAL	104						136						242					
MEAN		315	419	215	1.19			318	437	256	1.18			316	427	239	1.19	

Table 150. Biological data by length interval for least cisco caught in experimental gillnets, Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
180	-	-	-	-	-	-	1	180	40	-	0.69	100	1	180	40	-	0.69	100
190	1	198	75	-	0.97	100	3	195	77	25	1.04	67	4	196	76	21	1.02	75
200	-	-	-	-	-	-	2	203	68	4	0.81	100	4	204	59	10	0.89	67
210	3	213	92	14	0.94	100	4	213	100	0	1.04	25	9	212	92	18	0.96	57
220	3	224	100	0	0.89	33	3	224	95	18	0.85	67	10	224	104	19	0.92	50
230	5	234	110	22	0.86	80	6	234	104	7	0.81	100	13	234	106	14	0.83	91
240	9	245	142	54	0.97	100	11	244	128	24	0.88	91	21	244	133	39	0.91	95
250	9	255	146	39	0.88	100	7	256	156	37	0.93	86	19	255	150	34	0.90	94
260	12	265	189	42	1.02	75	10	265	160	39	0.86	70	22	265	176	43	0.95	73
270	11	273	177	26	0.87	91	22	274	202	29	0.98	95	35	274	191	31	0.93	94
280	7	285	207	19	0.90	86	12	284	204	14	0.89	100	20	284	205	15	0.90	95
290	2	297	225	35	0.86	100	18	294	213	28	0.84	94	23	294	217	28	0.85	95
300	1	307	250	-	0.86	0	10	304	258	33	0.92	100	12	304	257	30	0.91	91
310	-	-	-	-	-	-	1	310	450	-	1.51	100	1	310	450	-	1.51	100
320	1	322	350	-	1.05	100	-	-	-	-	-	-	1	322	350	-	1.05	100
350	1	359	550	-	1.19	100	-	-	-	-	-	-	1	359	550	-	1.19	100
370	-	-	-	-	-	-	1	379	650	-	1.19	100	1	379	650	-	1.19	100
410	-	-	-	-	-	-	1	412	700	-	1.00	100	1	412	700	-	1.00	100
560	-	-	-	-	-	-	-	-	-	-	-	-	1	567	1200	-	0.66	-
TOTAL	65						112						199					
MEAN		261	170	73	0.93			269	187	91	0.91			265	181	111	0.91	

Table 151 Biological data by length interval for least cisco caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
210	1	211	100	-	1.06	100	-	-	-	-	-	-	1	211	100	-	1.06	100
TOTAL	1						0						1					
MEAN		211	100	-	1.06			-	-	-	-			211	100	-	1.06	

Table 152 Biological data by length interval for least cisco caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
180	-	-	-	-	-	-	1	180	40	-	0.69	100	1	180	40	-	0.69	100
190	1	198	75	-	0.97	100	2	195	90	14	1.23	100	3	196	85	13	1.14	100
200	-	-	-	-	-	-	2	203	68	4	0.81	100	2	203	68	4	0.81	100
210	2	215	88	18	0.88	100	-	-	-	-	-	-	2	215	88	18	0.88	100
220	-	-	-	-	-	-	3	224	95	18	0.85	67	3	224	95	18	0.85	67
230	1	231	100	-	0.81	100	4	234	106	8	0.83	100	5	233	105	7	0.83	100
240	2	245	140	28	0.95	100	7	243	126	26	0.88	100	9	243	129	25	0.90	100
250	2	257	155	7	0.92	100	3	254	132	35	0.80	67	5	255	141	28	0.85	80
260	5	264	184	23	1.00	80	4	263	163	48	0.89	50	9	264	174	35	0.95	67
270	4	273	188	25	0.92	75	5	276	210	22	1.00	80	9	274	200	25	0.97	78
280	2	288	200	0	0.84	50	3	282	200	0	0.89	100	5	285	200	0	0.87	80
290	-	-	-	-	-	-	10	295	213	22	0.83	100	12	294	215	23	0.84	100
300	-	-	-	-	-	-	4	304	258	30	0.91	100	5	303	256	26	0.92	100
320	1	322	350	-	1.05	100	-	-	-	-	-	-	1	322	350	-	1.05	100
TOTAL	20						48						71					
MEAN		258	168	61	0.94			260	163	62	0.88			261	167	62	0.90	

Table 153. Biological data by length interval for least cisco caught in experimental gillnets in Area III, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
190	-	-	-	-	-	-	1	196	50	-	0.66	0	1	196	50	-	0.66	0
200	-	-	-	-	-	-	-	-	-	-	-	-	1	205	50	-	0.58	-
210	-	-	-	-	-	-	2	213	100	0	1.04	0	4	211	88	25	0.93	0
220	2	225	100	0	0.88	0	-	-	-	-	-	-	6	225	108	20	0.95	0
230	3	234	100	0	0.78	67	1	232	100	-	0.80	100	6	233	100	0	0.79	75
240	3	247	133	29	0.89	100	3	244	123	25	0.84	67	7	245	124	25	0.84	83
250	1	251	100	-	0.63	100	1	259	150	-	0.86	100	5	256	140	22	0.83	100
260	3	266	167	29	0.89	67	3	266	133	29	0.71	67	6	266	150	32	0.80	67
270	3	275	167	29	0.80	100	7	274	186	38	0.91	100	12	274	175	34	0.85	100
280	-	-	-	-	-	-	4	282	200	0	0.89	100	5	282	200	0	0.89	100
290	-	-	-	-	-	-	4	294	188	25	0.73	100	4	294	188	25	0.73	100
300	-	-	-	-	-	-	2	307	275	35	0.95	100	2	307	275	35	0.95	100
TOTAL	15						28						59					
MEAN		251	133	36	0.83			267	167	55	0.85			255	145	51	0.84	

Table 154. Biological data by length interval for least cisco caught in experimental gillnets in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
200	-	-	-	-	-	-	-	-	-	-	-	-	1	206	50	-	0.57	0
210	-	-	-	-	-	-	2	213	100	0	1.03	50	2	213	100	0	1.03	50
220	1	221	100	-	0.93	100	-	-	-	-	-	-	1	221	100	-	0.93	100
230	1	237	150	-	1.13	100	1	237	100	-	0.75	100	2	237	125	35	0.94	100
240	4	245	150	82	1.03	100	1	245	150	-	1.02	100	5	245	150	71	1.03	100
250	6	255	150	45	0.91	100	3	256	183	29	1.09	100	9	255	161	42	0.97	100
260	4	265	213	63	1.14	75	3	266	183	29	0.98	100	7	265	200	50	1.07	86
270	4	272	175	29	0.87	100	10	274	210	21	1.02	100	14	273	200	28	0.98	100
280	5	283	210	22	0.92	100	5	286	210	22	0.90	100	10	285	210	21	0.91	100
290	2	297	225	35	0.86	100	4	292	238	25	0.95	75	7	293	236	24	0.94	83
300	1	307	250	-	0.86	0	4	302	250	41	0.91	100	5	303	250	35	0.90	80
310	-	-	-	-	-	-	1	310	450	-	1.51	100	1	310	450	-	1.51	100
350	1	359	550	-	1.19	100	-	-	-	-	-	-	1	359	550	-	1.19	100
370	-	-	-	-	-	-	1	379	650	-	1.19	100	1	379	650	-	1.19	100
410	-	-	-	-	-	-	1	412	700	-	1.00	100	1	412	700	-	1.00	100
560	-	-	-	-	-	-	-	-	-	-	-	-	1	567	1200	-	0.66	-
TOTAL	29						36						68					
MEAN		269	193	87	0.97			281	235	124	1.00			279	229	162	0.97	

Table 155. Biological data by length interval for cisco(spp) caught by experimental gillnets (Area V only), Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
150	-	-	-	-	-	-	-	-	-	-	-	-	1	152	50	-	1.42	-
160	-	-	-	-	-	-	3	167	50	0	1.07	33	3	167	50	0	1.07	33
170	1	173	50	-	0.97	100	2	173	50	0	0.97	100	3	173	50	0	0.97	100
180	-	-	-	-	-	-	2	188	75	35	1.13	100	2	188	75	35	1.13	100
190	2	194	50	0	0.69	100	3	193	50	0	0.69	100	5	194	50	0	0.69	100
200	1	202	100	-	1.21	100	2	202	75	35	0.91	100	3	202	83	29	1.01	100
210	1	210	100	-	1.08	100	1	211	100	-	1.06	100	2	211	100	0	1.07	100
220	-	-	-	-	-	-	1	227	100	-	0.85	0	1	227	100	-	0.85	0
230	1	237	200	-	1.50	100	1	238	200	-	1.48	0	2	238	200	0	1.49	50
240	3	245	200	50	1.36	67	7	245	193	19	1.31	100	10	245	195	28	1.32	90
250	5	257	190	55	1.12	100	12	254	192	29	1.17	92	18	255	192	35	1.16	89
260	9	265	217	43	1.16	100	19	264	216	34	1.18	100	28	264	216	36	1.17	100
270	6	275	208	20	1.00	100	19	274	218	42	1.06	89	25	275	216	37	1.04	92
280	11	282	245	52	1.09	100	20	284	245	54	1.07	95	31	284	245	52	1.07	97
290	7	294	300	29	1.19	100	8	294	269	53	1.06	88	15	294	283	45	1.12	93
300	5	303	327	32	1.17	100	7	302	271	64	0.98	100	12	303	295	58	1.06	100
310	1	314	350	-	1.13	0	3	312	317	29	1.05	100	4	312	325	29	1.07	75
320	1	323	400	-	1.19	100	4	324	413	75	1.21	75	5	324	410	65	1.20	80
330	1	339	450	-	1.16	100	2	337	475	35	1.25	100	3	337	467	29	1.22	100
340	-	-	-	-	-	-	3	346	467	29	1.13	67	3	346	467	29	1.13	67
350	-	-	-	-	-	-	3	354	483	58	1.08	67	3	354	483	58	1.08	67
360	1	368	650	-	1.30	100	-	-	-	-	-	-	1	368	650	-	1.30	100
370	-	-	-	-	-	-	2	379	625	35	1.15	100	2	379	625	35	1.15	100
380	2	383	700	71	1.25	100	-	-	-	-	-	-	2	383	700	71	1.25	100
390	1	394	750	-	1.23	100	1	395	850	-	1.38	100	2	395	800	71	1.30	100
420	-	-	-	-	-	-	1	420	800	-	1.08	100	1	420	800	-	1.08	100
450	-	-	-	-	-	-	1	451	1250	-	1.36	100	1	451	1250	-	1.36	100
610	-	-	-	-	-	-	1	617	1600	-	0.68	100	1	617	1600	-	0.68	100
TOTAL	59						128						189					
MEAN		279	267	144	1.13			279	266	199	1.10			278	265	183	1.11	

Table 156. Biological data by length interval for Arctic grayling caught by experimental gillnets, Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
200	1	208	100	-	1.11	0	-	-	-	-	-	-	1	208	100	-	1.11	0
310	1	314	400	-	1.29	100	-	-	-	-	-	-	1	314	400	-	1.29	100
360	1	365	550	-	1.13	100	-	-	-	-	-	-	1	365	550	-	1.13	100
390	-	-	-	-	-	-	4	394	800	58	1.31	100	4	394	800	58	1.31	100
400	-	-	-	-	-	-	1	408	900	-	1.33	100	1	408	900	-	1.33	100
410	-	-	-	-	-	-	2	414	900	71	1.27	100	2	414	900	71	1.27	100
430	-	-	-	-	-	-	2	435	1200	212	1.46	100	2	435	1200	212	1.46	100
450	-	-	-	-	-	-	2	455	1150	141	1.22	100	2	455	1150	141	1.22	100
460	1	463	1350	-	1.36	100	-	-	-	-	-	-	1	463	1350	-	1.36	100
470	2	475	1350	141	1.26	100	1	475	1300	-	1.21	100	3	475	1333	104	1.24	100
TOTAL	6						12						18					
MEAN		383	850	570	1.24			422	992	210	1.31			409	944	359	1.28	

Table 157. Biological data by length interval for Arctic grayling caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%	LENGTH(MM)		WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
390	-	-	-	-	-	-	3	393	817	58	1.35	100	3	393	817	58	1.35	100
400	-	-	-	-	-	-	1	408	900	-	1.33	100	1	408	900	-	1.33	100
410	-	-	-	-	-	-	2	414	900	71	1.27	100	2	414	900	71	1.27	100
430	-	-	-	-	-	-	2	435	1200	212	1.46	100	2	435	1200	212	1.46	100
450	-	-	-	-	-	-	2	455	1150	141	1.22	100	2	455	1150	141	1.22	100
460	1	463	1350	-	1.36	100	-	-	-	-	-	-	1	463	1350	-	1.36	100
470	2	475	1350	141	1.26	100	1	475	1300	-	1.21	100	3	475	1333	104	1.24	100
TOTAL	3						11						14					
MEAN		471	1350	100	1.29			424	1014	205	1.32			434	1086	233	1.31	

Table 158. Biological data by length interval for Arctic grayling caught by experimental gillnets in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
200	1	208	100	-	1.11	0	-	-	-	-	-	-	1	208	100	-	1.11	0
310	1	314	400	-	1.29	100	-	-	-	-	-	-	1	314	400	-	1.29	100
TOTAL	2						0						2					
MEAN		261	250	212	1.20			-	-	-	-			261	250	212	1.20	

Table 159. Biological data by length interval for Arctic grayling caught by experimental gillnets in Area V, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
360	1	365	550	-	1.13	100	-	-	-	-	-	-	1	365	550	-	1.13	100
390	-	-	-	-	-	-	1	396	750	-	1.21	100	1	396	750	-	1.21	100
TOTAL	1						1						2					
MEAN		365	550	-	1.13			396	750	-	1.21			381	650	141	1.17	

Table 160. Biological data by length interval for burbot caught by experimental gillnets, Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
190	-	-	-	-	-	-	1	195	50	-	0.67	0	1	195	50	-	0.67	0
200	-	-	-	-	-	-	-	-	-	-	-	-	1	205	100	-	1.16	0
210	-	-	-	-	-	-	-	-	-	-	-	-	1	216	50	-	0.50	0
240	-	-	-	-	-	-	-	-	-	-	-	-	1	242	300	-	2.12	0
320	2	325	225	106	0.66	0	2	328	250	71	0.71	0	5	326	240	65	0.70	0
330	1	331	250	-	0.69	0	1	337	150	-	0.39	0	3	336	217	58	0.57	0
350	1	355	350	-	0.78	0	-	-	-	-	-	-	5	355	330	27	0.74	0
360	4	364	338	48	0.70	25	2	362	325	35	0.69	50	7	363	336	38	0.70	29
370	7	375	329	39	0.62	0	4	378	350	0	0.65	0	13	376	338	30	0.63	0
380	5	384	390	42	0.69	0	8	385	381	26	0.67	0	14	385	382	32	0.67	0
390	4	397	363	48	0.58	25	2	395	375	35	0.61	0	8	396	369	37	0.60	13
400	6	405	458	172	0.69	33	4	405	400	41	0.60	0	10	405	435	133	0.66	20
410	5	413	430	148	0.61	20	4	414	463	95	0.65	0	13	414	450	106	0.63	8
420	4	424	563	125	0.74	25	3	424	500	87	0.66	0	7	424	536	107	0.70	14
430	4	435	513	206	0.62	25	2	435	575	35	0.70	0	6	435	533	163	0.65	17
440	2	442	550	71	0.64	50	5	445	630	67	0.72	0	9	443	606	63	0.69	11
450	3	456	667	29	0.70	67	10	454	630	130	0.67	10	16	454	634	103	0.68	19
460	7	463	700	65	0.70	43	13	464	712	71	0.71	31	22	464	695	84	0.70	32
470	9	474	722	67	0.68	56	15	476	743	105	0.69	40	27	475	741	92	0.69	41
480	5	483	720	115	0.64	60	9	483	744	85	0.66	11	18	483	736	82	0.65	24
490	10	493	770	63	0.64	50	7	495	786	69	0.65	29	19	494	774	63	0.64	37
500	5	503	740	134	0.58	60	16	504	847	113	0.66	44	23	504	828	120	0.65	43
510	3	515	850	87	0.62	67	7	514	929	165	0.69	43	13	514	881	136	0.65	42
520	8	524	947	153	0.66	38	11	526	836	78	0.58	45	19	525	883	125	0.61	42
530	5	534	870	97	0.57	80	8	534	869	119	0.57	63	13	534	869	107	0.57	69
540	6	545	1200	226	0.74	67	8	546	906	215	0.56	50	15	545	1033	250	0.64	57
550	2	552	975	35	0.58	100	7	554	1114	273	0.66	100	9	553	1083	245	0.64	100
560	4	563	1250	71	0.70	100	7	564	1243	174	0.69	86	12	564	1258	141	0.70	92
570	3	573	933	321	0.50	67	7	574	1214	173	0.64	86	10	574	1130	247	0.60	80
580	6	584	1417	293	0.71	50	6	585	1267	337	0.63	83	13	585	1342	298	0.67	62
590	4	596	1513	210	0.71	100	3	596	1567	76	0.74	100	8	596	1500	177	0.71	100
600	8	603	1369	301	0.63	88	10	604	1625	450	0.74	80	19	604	1511	391	0.69	83
610	5	615	1741	354	0.75	100	7	612	1443	124	0.63	57	13	614	1547	277	0.67	75
620	6	624	1583	169	0.65	100	6	626	1675	108	0.68	100	14	625	1611	171	0.66	92
630	5	632	1680	220	0.66	80	8	632	1688	368	0.67	75	13	632	1685	308	0.67	77
640	2	643	1600	283	0.60	100	2	643	1850	424	0.70	100	5	642	1690	295	0.64	80
650	4	655	1888	278	0.67	100	5	656	1860	238	0.66	100	9	655	1872	240	0.67	100
660	2	662	2125	318	0.73	100	2	665	1700	424	0.58	100	6	663	1792	357	0.62	100
670	6	675	1967	248	0.64	100	4	672	2213	214	0.73	100	11	674	2068	243	0.68	91
680	4	682	2130	118	0.67	100	-	-	-	-	-	-	4	682	2130	118	0.67	100
690	3	695	2133	58	0.63	100	2	692	1550	354	0.47	100	7	695	1886	313	0.56	100
700	2	702	2300	354	0.66	100	3	700	2350	250	0.68	100	5	701	2330	251	0.68	100
710	-	-	-	-	-	-	1	718	2150	-	0.58	100	1	718	2150	-	0.58	100
720	1	724	2100	-	0.55	100	3	724	2517	340	0.66	100	4	724	2413	347	0.63	100
730	1	738	3050	-	0.76	100	2	735	2275	35	0.57	100	3	736	2533	448	0.63	100
740	-	-	-	-	-	-	1	740	2500	-	0.62	100	1	740	2500	-	0.62	100
760	1	762	3000	-	0.68	100	-	-	-	-	-	-	1	762	3000	-	0.68	100
840	1	843	2500	-	0.42	100	-	-	-	-	-	-	1	843	2500	-	0.42	100
870	-	-	-	-	-	-	1	878	3450	-	0.51	100	1	878	3450	-	0.51	100
TOTAL	176						229						459					
MEAN		525	1064	630	0.66			528	1052	581	0.66			520	1026	597	0.66	

Table 161. Biological data by length interval for burbot caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
520	1	526	1250	-	0.86	0	-	-	-	-	-	-	1	526	1250	-	0.86	0
620	1	626	1900	-	0.77	100	-	-	-	-	-	-	1	626	1900	-	0.77	100
700	-	-	-	-	-	-	1	700	2600	-	0.76	100	1	700	2600	-	0.76	100
720	-	-	-	-	-	-	2	724	2650	354	0.70	100	2	724	2650	354	0.70	100
730	-	-	-	-	-	-	1	735	2300	-	0.58	100	1	735	2300	-	0.58	100
TOTAL	2						4						6					
MEAN		576	1575	460	0.82			721	2550	265	0.68			673	2225	581	0.73	

Table 162. Biological data by length interval for burbot caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
360	-	-	-	-	-	-	-	-	-	-	-	-	1	364	350	-	0.73	0
390	-	-	-	-	-	-	-	-	-	-	-	-	1	391	400	-	0.67	0
410	-	-	-	-	-	-	1	412	450	-	0.64	0	1	412	450	-	0.64	0
420	1	428	600	-	0.77	0	-	-	-	-	-	-	1	428	600	-	0.77	0
430	-	-	-	-	-	-	1	435	550	-	0.67	0	1	435	550	-	0.67	0
440	1	444	500	-	0.57	100	-	-	-	-	-	-	1	444	500	-	0.57	100
450	-	-	-	-	-	-	2	454	500	283	0.54	0	3	453	533	208	0.58	0
460	1	467	800	-	0.79	0	2	468	700	0	0.68	100	3	468	733	58	0.72	67
470	5	474	720	76	0.67	60	3	473	750	200	0.71	33	8	474	731	122	0.69	50
480	1	488	700	-	0.60	100	1	483	750	-	0.67	0	4	485	725	29	0.64	33
490	3	493	733	58	0.61	33	-	-	-	-	-	-	3	493	733	58	0.61	33
500	1	500	550	-	0.44	100	1	507	800	-	0.61	100	3	505	750	180	0.58	67
510	-	-	-	-	-	-	1	512	800	-	0.60	100	3	511	800	50	0.60	50
520	3	524	875	115	0.61	67	2	525	875	177	0.61	50	5	524	875	120	0.61	60
530	1	530	750	-	0.50	100	-	-	-	-	-	-	1	530	750	-	0.50	100
540	-	-	-	-	-	-	-	-	-	-	-	-	1	544	1050	-	0.65	-
550	1	550	950	-	0.57	100	-	-	-	-	-	-	1	550	950	-	0.57	100
560	1	560	1250	-	0.71	100	-	-	-	-	-	-	1	560	1250	-	0.71	100
570	-	-	-	-	-	-	1	571	1050	-	0.56	0	1	571	1050	-	0.56	0
580	2	583	1250	71	0.63	0	-	-	-	-	-	-	2	583	1250	71	0.63	0
590	-	-	-	-	-	-	-	-	-	-	-	-	1	593	1250	-	0.60	-
600	-	-	-	-	-	-	2	604	1275	177	0.58	50	3	604	1350	180	0.61	50
610	-	-	-	-	-	-	3	611	1400	173	0.61	67	4	612	1375	150	0.60	67
620	2	626	1450	0	0.59	100	1	629	1750	-	0.70	100	5	625	1530	217	0.63	75
630	2	631	1500	71	0.60	100	1	630	1000	-	0.40	100	3	630	1333	293	0.53	100
640	-	-	-	-	-	-	-	-	-	-	-	-	1	640	1550	-	0.59	0
650	2	656	1950	71	0.69	100	-	-	-	-	-	-	2	656	1950	71	0.69	100
660	-	-	-	-	-	-	-	-	-	-	-	-	1	662	1550	-	0.53	-
670	2	678	2225	177	0.71	100	-	-	-	-	-	-	3	678	2183	144	0.70	67
680	2	682	2085	49	0.66	100	-	-	-	-	-	-	2	682	2085	49	0.66	100
690	-	-	-	-	-	-	-	-	-	-	-	-	2	697	1850	212	0.55	-
740	-	-	-	-	-	-	1	740	2500	-	0.62	100	1	740	2500	-	0.62	100
TOTAL	31						23						73					
MEAN		551	1143	553	0.64			534	991	490	0.62			549	1103	525	0.63	

Table 163. Biological data by length interval for burbot caught by experimental gillnets in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
240	-	-	-	-	-	-	-	-	-	-	-	-	1	242	300	-	2.12	0
330	1	331	250	-	0.69	0	-	-	-	-	-	-	1	331	250	-	0.69	0
380	1	384	400	-	0.71	0	-	-	-	-	-	-	1	384	400	-	0.71	0
390	1	399	400	-	0.63	0	-	-	-	-	-	-	1	399	400	-	0.63	0
410	1	415	600	-	0.84	0	-	-	-	-	-	-	1	415	600	-	0.84	0
440	-	-	-	-	-	-	3	444	633	58	0.72	0	3	444	633	58	0.72	0
450	-	-	-	-	-	-	2	453	675	35	0.73	0	2	453	675	35	0.73	0
460	-	-	-	-	-	-	2	463	775	35	0.78	0	2	463	775	35	0.78	0
470	1	471	650	-	0.62	0	1	478	800	-	0.73	0	2	475	725	106	0.68	0
480	2	484	625	35	0.55	50	2	480	700	0	0.63	0	4	482	663	48	0.59	25
490	1	490	800	-	0.68	100	1	493	800	-	0.67	0	2	492	800	0	0.67	50
500	3	505	767	104	0.59	67	5	504	860	96	0.67	80	8	504	825	104	0.64	75
510	1	517	800	-	0.58	100	-	-	-	-	-	-	1	517	800	-	0.58	100
520	-	-	-	-	-	-	3	526	833	29	0.57	67	3	526	833	29	0.57	67
530	2	534	850	71	0.56	100	1	536	1050	-	0.68	100	3	534	917	126	0.60	100
540	1	547	1550	-	0.95	100	2	541	900	0	0.57	0	3	543	1117	375	0.70	33
550	1	554	1000	-	0.59	100	2	553	1200	0	0.71	100	3	553	1133	115	0.67	100
560	1	567	1200	-	0.66	100	1	567	1100	-	0.60	100	2	567	1150	71	0.63	100
570	2	572	750	71	0.40	50	1	578	1300	-	0.67	100	3	574	933	321	0.49	67
580	1	586	1300	-	0.65	100	1	580	1100	-	0.56	100	2	583	1200	141	0.60	100
600	1	603	1400	-	0.64	100	1	603	1750	-	0.80	100	2	603	1575	247	0.72	100
610	-	-	-	-	-	-	1	615	1550	-	0.67	0	1	615	1550	-	0.67	0
620	-	-	-	-	-	-	1	625	1600	-	0.66	100	1	625	1600	-	0.66	100
700	-	-	-	-	-	-	1	701	2100	-	0.61	100	1	701	2100	-	0.61	100
710	-	-	-	-	-	-	1	718	2150	-	0.58	100	1	718	2150	-	0.58	100
TOTAL	21						32						54					
MEAN		503	814	329	0.62			528	1016	408	0.67			513	924	394	0.68	

Table 164. Biological data by length interval for burbot caught by experimental gillnets in Area III, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
190	-	-	-	-	-	-	1	195	50	-	0.67	0	1	195	50	-	0.67	0
210	-	-	-	-	-	-	-	-	-	-	-	-	1	216	50	-	0.50	0
320	-	-	-	-	-	-	2	328	250	71	0.71	0	2	328	250	71	0.71	0
330	-	-	-	-	-	-	-	-	-	-	-	-	1	339	250	-	0.64	0
350	1	355	350	-	0.78	0	-	-	-	-	-	-	3	355	317	29	0.71	0
360	4	364	338	48	0.70	25	2	362	325	35	0.69	50	6	363	333	41	0.70	33
370	7	375	329	39	0.62	0	4	378	350	0	0.65	0	12	376	338	31	0.63	0
380	3	385	400	50	0.70	0	7	386	386	24	0.67	0	10	386	390	32	0.68	0
390	3	397	350	50	0.56	33	2	395	375	35	0.61	0	6	396	358	38	0.58	17
400	6	405	458	172	0.69	33	4	405	400	41	0.60	0	10	405	435	133	0.66	20
410	4	412	388	131	0.55	25	3	414	467	115	0.66	0	10	414	430	109	0.60	10
420	2	423	475	106	0.63	50	2	424	525	106	0.69	0	4	423	500	91	0.66	25
430	2	436	350	141	0.42	50	1	435	600	-	0.73	0	3	436	433	176	0.53	33
440	1	440	600	-	0.70	0	2	446	625	106	0.71	0	3	444	617	76	0.71	0
450	2	457	650	0	0.68	50	4	455	638	75	0.68	0	6	456	642	58	0.68	17
460	1	463	700	-	0.71	0	5	462	680	91	0.69	20	6	462	683	82	0.69	17
470	2	474	750	71	0.71	50	8	476	700	53	0.65	25	10	476	710	57	0.66	30
480	1	480	750	-	0.68	0	5	483	720	45	0.64	20	6	483	725	42	0.65	17
490	1	496	700	-	0.57	100	3	497	767	104	0.62	33	4	497	750	91	0.61	50
500	-	-	-	-	-	-	8	504	806	82	0.63	13	9	504	817	83	0.64	11
510	1	513	800	-	0.59	0	3	513	833	104	0.62	0	4	513	825	87	0.61	0
520	2	523	850	71	0.59	0	5	526	810	65	0.56	20	7	525	821	64	0.57	14
530	2	536	950	71	0.62	50	5	534	820	91	0.54	40	7	535	857	102	0.56	43
540	3	542	1050	87	0.66	67	2	548	725	177	0.44	50	5	544	920	208	0.57	60
560	-	-	-	-	-	-	2	563	1150	212	0.65	50	2	563	1150	212	0.65	50
570	1	575	1300	-	0.68	100	2	576	1075	177	0.56	100	3	576	1150	180	0.60	100
580	1	581	1300	-	0.66	0	1	587	700	-	0.35	0	2	584	1000	424	0.50	0
590	2	597	1375	106	0.65	100	1	597	1500	-	0.70	100	3	597	1417	104	0.67	100
600	3	601	1267	115	0.58	67	3	604	1317	58	0.60	67	6	603	1292	86	0.59	67
610	2	614	1400	71	0.60	100	3	613	1450	87	0.63	67	5	613	1430	76	0.62	80
620	1	625	1600	-	0.66	100	1	625	1850	-	0.76	100	2	625	1725	177	0.71	100
630	2	634	1900	141	0.75	50	3	633	1550	229	0.61	33	5	633	1690	261	0.67	40
640	1	644	1400	-	0.52	100	-	-	-	-	-	-	1	644	1400	-	0.52	100
650	1	652	1500	-	0.54	100	4	655	1825	260	0.65	100	5	655	1760	268	0.63	100
660	2	662	2125	318	0.73	100	1	664	2000	-	0.68	100	3	662	2083	236	0.72	100
670	-	-	-	-	-	-	3	672	2183	252	0.72	100	3	672	2183	252	0.72	100
680	1	680	2050	-	0.65	100	-	-	-	-	-	-	1	680	2050	-	0.65	100
690	2	697	2100	0	0.62	100	-	-	-	-	-	-	2	697	2100	0	0.62	100
700	1	704	2550	-	0.73	100	1	700	2350	-	0.69	100	2	702	2450	141	0.71	100
720	1	724	2100	-	0.55	100	-	-	-	-	-	-	1	724	2100	-	0.55	100
730	1	738	3050	-	0.76	100	1	735	2250	-	0.57	100	2	737	2650	566	0.66	100
760	1	762	3000	-	0.68	100	-	-	-	-	-	-	1	762	3000	-	0.68	100
840	1	843	2500	-	0.42	100	-	-	-	-	-	-	1	843	2500	-	0.42	100
870	-	-	-	-	-	-	1	878	3450	-	0.51	100	1	878	3450	-	0.51	100
TOTAL	72						105						187					
MEAN		504	962	722	0.64			502	889	574	0.63			496	890	633	0.63	

Table 165. Biological data by length interval for burbot caught by experimental gillnets in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
200	-	-	-	-	-	-	-	-	-	-	-	-	1	205	100	-	1.16	0
330	-	-	-	-	-	-	1	337	150	-	0.39	0	1	337	150	-	0.39	0
350	-	-	-	-	-	-	-	-	-	-	-	-	1	358	350	-	0.76	0
370	-	-	-	-	-	-	-	-	-	-	-	-	1	379	350	-	0.64	0
380	1	380	350	-	0.64	0	1	380	350	-	0.64	0	3	383	350	0	0.62	0
410	-	-	-	-	-	-	-	-	-	-	-	-	1	418	500	-	0.68	0
420	-	-	-	-	-	-	1	425	450	-	0.59	0	1	425	450	-	0.59	0
430	1	435	650	-	0.79	0	-	-	-	-	-	-	1	435	650	-	0.79	0
440	-	-	-	-	-	-	-	-	-	-	-	-	2	442	600	0	0.69	0
450	1	455	700	-	0.74	100	2	454	700	71	0.75	50	5	454	670	57	0.72	40
460	4	462	675	65	0.68	50	4	465	725	65	0.72	25	10	464	675	98	0.67	30
470	1	472	750	-	0.71	100	2	477	800	71	0.74	100	6	475	783	75	0.73	50
480	1	481	900	-	0.81	100	-	-	-	-	-	-	3	481	800	87	0.72	33
490	2	493	825	35	0.69	0	3	493	800	50	0.67	33	7	493	793	53	0.66	14
500	1	500	850	-	0.68	0	2	507	1000	212	0.77	50	3	504	950	173	0.74	33
510	1	516	950	-	0.69	100	2	517	1025	177	0.74	50	4	516	950	147	0.69	50
520	1	527	1000	-	0.68	0	1	525	900	-	0.62	100	2	526	950	71	0.65	50
530	-	-	-	-	-	-	2	532	900	141	0.60	100	2	532	900	141	0.60	100
540	1	548	1100	-	0.67	0	2	546	850	141	0.52	50	3	547	933	176	0.57	33
550	-	-	-	-	-	-	5	554	1080	327	0.63	100	5	554	1080	327	0.63	100
560	2	563	1275	106	0.72	100	4	564	1325	155	0.74	100	7	564	1321	125	0.74	100
570	-	-	-	-	-	-	3	573	1333	126	0.71	100	3	573	1333	126	0.71	100
580	2	586	1700	424	0.85	100	3	586	1383	126	0.69	100	6	586	1483	266	0.74	83
590	1	593	1800	-	0.86	100	2	596	1600	71	0.76	100	3	595	1667	126	0.79	100
600	2	605	1450	71	0.65	100	2	604	2200	707	1.00	100	4	605	1825	597	0.83	100
610	2	616	1900	283	0.81	100	-	-	-	-	-	-	2	616	1900	283	0.81	100
620	2	621	1550	71	0.65	100	3	626	1617	58	0.66	100	5	624	1590	65	0.66	100
630	-	-	-	-	-	-	2	631	1950	0	0.78	100	2	631	1950	0	0.78	100
640	1	641	1800	-	0.68	100	2	643	1850	424	0.70	100	3	642	1833	301	0.69	100
650	1	655	2150	-	0.77	100	1	657	2000	-	0.71	100	2	656	2075	106	0.74	100
660	-	-	-	-	-	-	1	666	1400	-	0.47	100	2	665	1475	106	0.50	100
670	4	673	1838	160	0.60	100	1	671	2300	-	0.76	100	5	673	1930	249	0.63	100
690	1	692	2200	-	0.66	100	2	692	1550	354	0.47	100	3	692	1767	451	0.53	100
700	1	700	2050	-	0.60	100	-	-	-	-	-	-	1	700	2050	-	0.60	100
720	-	-	-	-	-	-	1	725	2250	-	0.59	100	1	725	2250	-	0.59	100
TOTAL	34						55						111					
MEAN		562	1315	549	0.70			554	1230	528	0.68			538	1154	548	0.69	

Table 166. Biological data by length interval for burbot caught by experimental gillnets in Area V, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
320	2	325	225	106	0.66	0	-	-	-	-	-	-	3	324	233	76	0.69	0
350	-	-	-	-	-	-	-	-	-	-	-	-	1	350	350	-	0.82	0
420	1	421	700	-	0.94	0	-	-	-	-	-	-	1	421	700	-	0.94	0
430	1	434	700	-	0.86	0	-	-	-	-	-	-	1	434	700	-	0.86	0
460	1	465	700	-	0.70	100	-	-	-	-	-	-	1	465	700	-	0.70	100
470	-	-	-	-	-	-	1	478	900	-	0.82	100	1	478	900	-	0.82	100
480	-	-	-	-	-	-	1	485	950	-	0.83	0	1	485	950	-	0.83	0
490	3	493	783	76	0.66	67	-	-	-	-	-	-	3	493	783	76	0.66	67
510	-	-	-	-	-	-	1	510	1150	-	0.87	100	1	510	1150	-	0.87	100
520	1	520	1000	-	0.71	100	-	-	-	-	-	-	1	520	1000	-	0.71	100
540	1	548	1400	-	0.85	100	2	548	1150	283	0.70	100	3	548	1233	247	0.75	100
580	-	-	-	-	-	-	1	587	1650	-	0.82	100	1	587	1650	-	0.82	100
590	1	598	1500	-	0.70	100	-	-	-	-	-	-	1	598	1500	-	0.70	100
600	2	605	1425	742	0.65	100	2	603	1800	141	0.82	100	4	604	1613	487	0.74	100
610	1	618	2106	-	0.89	100	-	-	-	-	-	-	1	618	2106	-	0.89	100
630	1	633	1600	-	0.63	100	2	635	1975	106	0.77	100	3	634	1850	229	0.73	100
680	1	683	2300	-	0.72	100	-	-	-	-	-	-	1	683	2300	-	0.72	100
TOTAL	16						10						28					
MEAN		516	1104	636	0.72			563	1450	443	0.79			520	1170	615	0.75	

Table 167. Biological data by length interval for longnose sucker caught by experimental gillnets, Great Slave Lake, 1980-81.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
150	-	-	-	-	-	-	-	-	-	-	-	-	1	157	50	-	1.29	0
160	-	-	-	-	-	-	-	-	-	-	-	-	4	166	50	0	1.10	0
170	3	174	67	29	1.26	33	-	-	-	-	-	-	4	174	63	25	1.19	25
180	-	-	-	-	-	-	-	-	-	-	-	-	3	185	83	29	1.31	0
200	-	-	-	-	-	-	-	-	-	-	-	-	2	204	78	39	0.94	0
210	-	-	-	-	-	-	-	-	-	-	-	-	2	214	100	0	1.02	-
220	1	224	300	-	2.67	0	-	-	-	-	-	-	1	224	300	-	2.67	0
230	-	-	-	-	-	-	-	-	-	-	-	-	1	235	200	-	1.54	0
240	-	-	-	-	-	-	-	-	-	-	-	-	1	245	150	-	1.02	-
250	2	258	225	35	1.32	0	-	-	-	-	-	-	4	257	225	29	1.33	0
260	1	268	250	-	1.30	0	2	268	225	35	1.17	0	4	268	225	29	1.17	0
270	3	276	250	50	1.19	0	-	-	-	-	-	-	12	274	263	31	1.27	0
280	3	281	283	29	1.28	0	1	285	300	-	1.30	100	8	285	288	23	1.25	17
290	3	295	333	29	1.29	33	2	297	350	0	1.34	0	8	295	338	23	1.31	20
300	1	300	350	-	1.30	0	-	-	-	-	-	-	4	304	813	892	2.86	0
310	-	-	-	-	-	-	3	314	433	29	1.40	33	5	314	650	504	2.10	33
320	2	325	475	35	1.39	0	-	-	-	-	-	-	4	324	450	41	1.32	0
330	1	337	500	-	1.31	100	-	-	-	-	-	-	8	336	538	153	1.42	100
340	1	343	550	-	1.36	0	-	-	-	-	-	-	4	343	575	29	1.43	0
350	1	352	600	-	1.38	0	1	355	600	-	1.34	100	11	355	600	45	1.34	33
360	3	365	650	50	1.34	67	1	368	600	-	1.20	100	8	364	638	44	1.32	75
370	2	372	700	71	1.36	50	3	377	667	29	1.24	100	16	376	675	41	1.27	67
380	2	383	775	177	1.38	100	1	380	900	-	1.64	100	24	384	756	91	1.34	100
390	4	393	700	173	1.16	75	1	395	800	-	1.30	100	18	395	772	163	1.26	80
400	5	405	930	76	1.40	100	1	409	850	-	1.24	100	26	405	898	109	1.36	100
410	1	410	700	-	1.02	100	1	415	1100	-	1.54	100	25	414	972	196	1.36	100
420	7	423	986	94	1.31	100	-	-	-	-	-	-	34	424	1015	118	1.33	100
430	1	430	900	-	1.13	100	2	431	875	106	1.09	100	36	434	1031	123	1.26	100
440	3	445	733	551	0.84	67	2	447	1225	177	1.37	100	40	444	1125	272	1.28	80
450	1	457	1200	-	1.26	100	1	450	1100	-	1.21	100	31	455	1248	176	1.32	100
460	1	468	1150	-	1.12	100	1	464	1100	-	1.10	100	33	464	1242	146	1.24	100
470	2	475	1350	71	1.26	100	2	472	1325	177	1.26	100	38	475	1361	131	1.27	100
480	-	-	-	-	-	-	-	-	-	-	-	-	38	484	1497	174	1.32	-
490	-	-	-	-	-	-	3	496	1490	252	1.22	100	57	494	1573	202	1.31	100
500	-	-	-	-	-	-	-	-	-	-	-	-	54	505	1736	198	1.35	-
510	-	-	-	-	-	-	-	-	-	-	-	-	46	513	1805	195	1.34	-
520	-	-	-	-	-	-	-	-	-	-	-	-	60	524	1893	232	1.31	-
530	-	-	-	-	-	-	-	-	-	-	-	-	42	534	2026	232	1.33	-
540	-	-	-	-	-	-	-	-	-	-	-	-	50	544	2050	338	1.27	-
550	-	-	-	-	-	-	-	-	-	-	-	-	37	553	2192	299	1.29	-
560	-	-	-	-	-	-	-	-	-	-	-	-	39	564	2350	202	1.31	-
570	-	-	-	-	-	-	-	-	-	-	-	-	13	574	2427	263	1.28	-
580	-	-	-	-	-	-	-	-	-	-	-	-	11	584	2641	222	1.32	-
590	-	-	-	-	-	-	-	-	-	-	-	-	9	593	2733	276	1.31	-
600	-	-	-	-	-	-	-	-	-	-	-	-	4	602	2850	334	1.31	-
610	-	-	-	-	-	-	-	-	-	-	-	-	1	618	2950	-	1.25	-
630	-	-	-	-	-	-	-	-	-	-	-	-	2	633	2100	495	0.83	-
680	-	-	-	-	-	-	-	-	-	-	-	-	1	680	2850	-	0.91	-
710	-	-	-	-	-	-	-	-	-	-	-	-	1	717	850	-	0.23	-
TOTAL	54						28						885					
MEAN		357	645	356	1.29			390	826	416	1.28			467	1448	655	1.32	

Table 168. Biological data by length interval for longnose sucker caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
210	-	-	-	-	-	-	-	-	-	-	-	-	1	218	100	-	0.97	-
300	-	-	-	-	-	-	-	-	-	-	-	-	1	306	2150	-	7.50	-
390	-	-	-	-	-	-	-	-	-	-	-	-	1	395	800	-	1.30	-
400	1	404	1000	-	1.52	100	-	-	-	-	-	-	1	404	1000	-	1.52	100
410	-	-	-	-	-	-	-	-	-	-	-	-	2	417	1225	35	1.70	-
420	-	-	-	-	-	-	-	-	-	-	-	-	2	423	1100	141	1.45	-
440	-	-	-	-	-	-	-	-	-	-	-	-	3	447	1600	391	1.79	-
450	-	-	-	-	-	-	-	-	-	-	-	-	9	456	1272	94	1.34	-
460	-	-	-	-	-	-	-	-	-	-	-	-	7	463	1350	112	1.36	-
470	-	-	-	-	-	-	-	-	-	-	-	-	11	475	1441	126	1.35	-
480	-	-	-	-	-	-	-	-	-	-	-	-	22	484	1580	155	1.39	-
490	-	-	-	-	-	-	-	-	-	-	-	-	33	494	1633	215	1.36	-
500	-	-	-	-	-	-	-	-	-	-	-	-	28	505	1759	140	1.37	-
510	-	-	-	-	-	-	-	-	-	-	-	-	28	513	1850	149	1.37	-
520	-	-	-	-	-	-	-	-	-	-	-	-	35	524	1973	124	1.37	-
530	-	-	-	-	-	-	-	-	-	-	-	-	25	534	2036	178	1.34	-
540	-	-	-	-	-	-	-	-	-	-	-	-	23	543	2057	154	1.28	-
550	-	-	-	-	-	-	-	-	-	-	-	-	25	554	2218	316	1.31	-
560	-	-	-	-	-	-	-	-	-	-	-	-	24	564	2369	170	1.32	-
570	-	-	-	-	-	-	-	-	-	-	-	-	8	573	2406	258	1.28	-
580	-	-	-	-	-	-	-	-	-	-	-	-	7	584	2707	203	1.36	-
590	-	-	-	-	-	-	-	-	-	-	-	-	1	594	2550	-	1.22	-
600	-	-	-	-	-	-	-	-	-	-	-	-	4	602	2850	334	1.31	-
610	-	-	-	-	-	-	-	-	-	-	-	-	1	618	2950	-	1.25	-
630	-	-	-	-	-	-	-	-	-	-	-	-	1	636	2450	-	0.95	-
680	-	-	-	-	-	-	-	-	-	-	-	-	1	680	2850	-	0.91	-
TOTAL	1						0						304					
MEAN		404	1000	-	1.52			-	-	-	-			518	1908	417	1.37	

Table 169. Biological data by length interval for longnose sucker caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
170	1	176	100	-	1.83	100	-	-	-	-	-	-	1	176	100	-	1.83	100
180	-	-	-	-	-	-	-	-	-	-	-	-	1	180	50	-	0.86	0
200	-	-	-	-	-	-	-	-	-	-	-	-	1	200	105	-	1.31	0
240	-	-	-	-	-	-	-	-	-	-	-	-	1	245	150	-	1.02	-
280	-	-	-	-	-	-	-	-	-	-	-	-	1	287	300	-	1.27	0
300	-	-	-	-	-	-	-	-	-	-	-	-	1	305	350	-	1.23	-
320	1	325	500	-	1.46	0	-	-	-	-	-	-	1	325	500	-	1.46	0
330	-	-	-	-	-	-	-	-	-	-	-	-	5	335	560	198	1.49	-
340	-	-	-	-	-	-	-	-	-	-	-	-	1	348	600	-	1.42	-
350	-	-	-	-	-	-	-	-	-	-	-	-	2	350	550	0	1.28	-
360	-	-	-	-	-	-	-	-	-	-	-	-	2	363	600	0	1.25	-
370	-	-	-	-	-	-	-	-	-	-	-	-	2	377	675	106	1.26	-
380	-	-	-	-	-	-	1	380	900	-	1.64	100	7	385	764	69	1.34	100
390	1	390	750	-	1.26	100	1	395	800	-	1.30	100	6	395	675	186	1.10	100
400	1	405	800	-	1.20	100	-	-	-	-	-	-	3	404	817	176	1.24	100
410	1	410	700	-	1.02	100	-	-	-	-	-	-	8	413	850	136	1.21	100
420	4	424	938	63	1.23	100	-	-	-	-	-	-	13	424	962	104	1.26	100
430	1	430	900	-	1.13	100	1	430	800	-	1.01	100	11	434	986	152	1.21	100
440	2	444	1050	71	1.20	50	1	449	1100	-	1.22	100	19	444	1084	190	1.24	67
450	1	457	1200	-	1.26	100	1	450	1100	-	1.21	100	6	454	1192	153	1.27	100
460	1	468	1150	-	1.12	100	1	464	1100	-	1.10	100	11	465	1123	131	1.12	100
470	1	472	1300	-	1.24	100	1	472	1200	-	1.14	100	4	473	1263	111	1.19	100
480	-	-	-	-	-	-	-	-	-	-	-	-	5	484	1350	197	1.19	-
490	-	-	-	-	-	-	3	496	1490	252	1.22	100	7	494	1546	210	1.28	100
500	-	-	-	-	-	-	-	-	-	-	-	-	13	505	1854	256	1.44	-
510	-	-	-	-	-	-	-	-	-	-	-	-	7	514	1986	170	1.46	-
520	-	-	-	-	-	-	-	-	-	-	-	-	10	525	1975	206	1.37	-
530	-	-	-	-	-	-	-	-	-	-	-	-	14	534	2079	286	1.36	-
540	-	-	-	-	-	-	-	-	-	-	-	-	15	546	2270	131	1.40	-
550	-	-	-	-	-	-	-	-	-	-	-	-	7	553	2321	173	1.38	-
560	-	-	-	-	-	-	-	-	-	-	-	-	10	564	2415	248	1.35	-
570	-	-	-	-	-	-	-	-	-	-	-	-	4	576	2513	315	1.31	-
580	-	-	-	-	-	-	-	-	-	-	-	-	4	585	2525	233	1.26	-
590	-	-	-	-	-	-	-	-	-	-	-	-	7	593	2829	216	1.36	-
710	-	-	-	-	-	-	-	-	-	-	-	-	1	717	850	-	0.23	-
TOTAL	15						10						211					
MEAN		408	883	299	1.26			453	1147	296	1.23			474	1495	712	1.30	

Table 170. Biological data by length interval for longnosa sucker caught by experimental gillnets in Area II, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	NO.	PERCENT	MEAN FORK LENGTH(MM)	ROUND WEIGHT(G) MEAN	ROUND WEIGHT(G) SD
160	1	1	168	50	-
180	1	1	187	100	-
200	1	1	207	50	-
210	1	1	210	100	-
250	1	1	255	200	-
260	1	1	266	200	-
270	8	7	274	263	23
280	2	2	287	300	0
290	2	2	295	350	0
300	1	1	306	400	-
310	1	1	316	400	-
320	1	1	325	400	-
330	1	1	339	500	-
340	2	2	340	575	35
350	5	4	357	620	57
360	2	2	363	675	35
370	6	5	376	667	26
380	10	9	382	755	50
390	6	5	394	875	69
400	12	10	404	929	110
410	9	8	415	956	85
420	12	10	425	1079	112
430	9	8	435	1128	120
440	6	5	443	1217	68
450	5	4	455	1290	74
460	4	3	462	1363	111
470	4	3	474	1388	149
480	1	1	480	1350	-
490	2	2	495	1350	354
TOTAL	117				
MEAN			387	853	367

Table 171. Biological data by length interval for longnose sucker caught by experimental gillnets in Area III, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	NO.	PERCENT	MEAN FORK LENGTH(MM)	ROUND WEIGHT(G) MEAN	ROUND WEIGHT(G) SD
270	1	1	274	300	-
290	1	1	294	300	-
310	1	1	313	1550	-
330	1	1	337	500	-
350	1	1	355	600	-
370	2	1	374	675	35
380	5	3	385	740	164
390	2	1	397	875	35
400	6	3	406	842	80
410	5	3	416	1070	325
420	4	2	422	925	65
430	15	8	434	1010	69
440	10	5	444	1085	53
450	11	6	455	1241	262
460	11	6	465	1250	102
470	17	9	475	1318	117
480	10	5	485	1405	101
490	15	8	494	1483	72
500	13	7	504	1569	132
510	11	6	513	1577	90
520	15	8	523	1650	278
530	3	2	533	1700	100
540	12	6	544	1763	532
550	5	3	553	1880	84
560	5	3	563	2130	91
570	1	1	571	2250	-
590	1	1	594	2250	-
630	1	1	630	1750	-
TOTAL	185				
MEAN			477	1358	404

Table 172. Biological data by length interval for longnose sucker caught by experimental gillnets in Area IV, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
150	-	-	-	-	-	-	-	-	-	-	-	-	1	157	50	-	1.29	0
160	-	-	-	-	-	-	-	-	-	-	-	-	3	165	50	0	1.11	0
170	2	173	50	0	0.97	0	-	-	-	-	-	-	3	173	50	0	0.97	0
180	-	-	-	-	-	-	-	-	-	-	-	-	1	187	100	-	1.53	0
220	1	224	300	-	2.67	0	-	-	-	-	-	-	1	224	300	-	2.67	0
230	-	-	-	-	-	-	-	-	-	-	-	-	1	235	200	-	1.54	0
250	2	258	225	35	1.32	0	-	-	-	-	-	-	3	257	233	29	1.37	0
260	1	268	250	-	1.30	0	2	268	225	35	1.17	0	3	268	233	29	1.21	0
270	3	276	250	50	1.19	0	-	-	-	-	-	-	3	276	250	50	1.19	0
280	3	281	283	29	1.28	0	1	285	300	-	1.30	100	4	282	288	25	1.28	25
290	3	295	333	29	1.29	33	2	297	350	0	1.34	0	5	296	340	22	1.31	20
300	1	300	350	-	1.30	0	-	-	-	-	-	-	1	300	350	-	1.30	0
310	-	-	-	-	-	-	3	314	433	29	1.40	33	3	314	433	29	1.40	33
320	1	324	450	-	1.32	0	-	-	-	-	-	-	2	324	450	0	1.33	0
330	1	337	500	-	1.31	100	-	-	-	-	-	-	1	337	500	-	1.31	100
340	1	343	550	-	1.36	0	-	-	-	-	-	-	1	343	550	-	1.36	0
350	1	352	600	-	1.38	0	1	355	600	-	1.34	100	3	355	600	0	1.34	33
360	3	365	650	50	1.34	67	1	368	600	-	1.20	100	4	366	638	48	1.31	75
370	1	372	750	-	1.46	0	3	377	667	29	1.24	100	5	376	690	42	1.30	60
380	2	383	775	177	1.38	100	-	-	-	-	-	-	2	383	775	177	1.38	100
390	2	396	650	283	1.05	50	-	-	-	-	-	-	2	396	650	283	1.05	50
400	2	406	950	0	1.42	100	-	-	-	-	-	-	2	406	950	0	1.42	100
410	-	-	-	-	-	-	1	415	1100	-	1.54	100	1	415	1100	-	1.54	100
420	2	422	1050	141	1.40	100	-	-	-	-	-	-	2	422	1050	141	1.40	100
430	-	-	-	-	-	-	1	432	950	-	1.18	100	1	432	950	-	1.18	100
440	1	446	100	-	0.11	100	1	445	1350	-	1.53	100	2	446	725	884	0.82	100
470	1	477	1400	-	1.29	100	1	471	1450	-	1.39	100	2	474	1425	35	1.34	100
TOTAL	34						17						62					
MEAN		328	506	328	1.29			352	635	374	1.32			318	493	350	1.30	

Table 173. Biological data by length interval for longnose sucker caught by experimental gillnets in Area V, Great Slave Lake, 1981.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
280	-	-	-	-	-	-	-	-	-	-	-	-	1	288	250	-	1.05	0
370	1	372	650	-	1.26	100	-	-	-	-	-	-	1	372	650	-	1.26	100
390	1	390	750	-	1.26	100	-	-	-	-	-	-	1	390	750	-	1.26	100
400	1	405	950	-	1.43	100	1	409	850	-	1.24	100	2	407	900	71	1.34	100
420	1	420	1050	-	1.42	100	-	-	-	-	-	-	1	420	1050	-	1.42	100
TOTAL	4						1						6					
MEAN		397	850	183	1.34			409	850	-	1.24			381	750	283	1.28	

Table 174. Biological data by length interval for white sucker caught by experimental gillnets, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	NO.	PERCENT	MEAN FORK LENGTH(MM)	ROUND WEIGHT(G) MEAN	SD
420	1	5	427	1400	-
440	1	5	445	1300	-
450	2	11	453	1575	177
460	1	5	463	1600	-
470	4	21	474	1688	63
490	2	11	491	1875	35
500	1	5	504	2000	-
510	1	5	510	2050	-
520	2	11	523	1900	141
540	1	5	542	2250	-
550	3	16	553	2417	153
TOTAL	19				
MEAN			494	1858	344

Table 175. Biological data by length interval for white sucker caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	NO.	PERCENT	MEAN FORK LENGTH(MM)	ROUND WEIGHT(G) MEAN	SD
420	1	6	427	1400	-
440	1	6	445	1300	-
450	2	12	453	1575	177
460	1	6	463	1600	-
470	3	18	473	1683	76
490	2	12	491	1875	35
500	1	6	504	2000	-
510	1	6	510	2050	-
520	1	6	521	1800	-
540	1	6	542	2250	-
550	3	18	553	2417	153
TOTAL	17				
MEAN			493	1859	361

Table 176. Biological data by length interval for white sucker caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

LENGTH INTERVAL (MM)	NO.	PERCENT	MEAN FORK LENGTH(MM)	ROUND WEIGHT(G) MEAN	SD
470	1	50	476	1700	-
520	1	50	524	2000	-
TOTAL	2				
MEAN			500	1850	212

Table 177. Biological data by age group for inconnu caught by experimental gillnets, Great Slave Lake, 1980-81.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
6	2	544	0.0	1800	0	1.12	0	2	573	0.0	2050	0	1.09	0	4	559	16.7	1925	144	1.10	0
10	2	640	0.0	2800	0	1.07	100	-	-	-	-	-	-	-	2	640	0.0	2800	0	1.07	100
11	-	-	-	-	-	-	-	2	780	0.0	6100	0	1.29	100	2	780	0.0	6100	0	1.29	100
TOTAL	4							4							8						
MEAN		592	55	2300	577	1.09			677	119.5	4075	2338	1.19			634	97.4	3188	1840	1.14	
MEAN AGE	8.3																				

Table 178. Biological data by age group for inconnu caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
11	-	-	-	-	-	-	-	1	780	-	6100	-	1.29	100	1	780	-	6100	-	1.29	100
TOTAL	0							1							1						
MEAN		-	-	-	-	-			780	-	6100	-	1.29			780	-	6100	-	1.29	
MEAN AGE	11.0																				

Table 179. Biological data by age group for inconnu caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
10	1	640	-	2800	-	1.07	100	-	-	-	-	-	-	-	1	640	-	2800	-	1.07	100
TOTAL	1							0							1						
MEAN		640	-	2800	-	1.07			-	-	-	-	-			640	-	2800	-	1.07	
MEAN AGE	10.0																				

Table 180. Biological data by age group for inconnu caught by experimental gillnets in Area II, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
6	1	544	-	1800	-	1.12	0	1	573	-	2050	-	1.09	0	2	559	20.5	1925	177	1.10	0
TOTAL	1							1							2						
MEAN		544	-	1800	-	1.12			573	-	2050	-	1.09			559	20.5	1925	177	1.10	
MEAN AGE	6.0																				

Table 181. Biological data by age group for northern pike caught by experimental gillnets, Great Slave Lake, 1980-81.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
3	-	-	-	-	-	-	-	2	495	0.0	900	0	0.74	100	2	495	0.0	900	0	0.74	100
4	4	525	6.4	1000	115	0.69	100	-	-	-	-	-	-	-	4	525	6.4	1000	115	0.69	100
5	22	564	40.0	1282	301	0.71	91	32	572	30.8	1331	240	0.71	88	54	569	34.7	1311	265	0.71	89
6	70	576	33.4	1357	258	0.71	91	72	588	31.0	1419	224	0.70	92	142	582	32.6	1389	243	0.70	92
7	38	596	42.7	1558	299	0.74	100	36	629	43.2	1708	403	0.68	100	74	612	45.7	1631	359	0.71	100
8	20	632	51.9	1860	441	0.73	90	22	669	71.3	2073	773	0.67	91	42	652	64.8	1971	639	0.70	90
9	2	620	0.0	1450	0	0.61	100	8	719	50.5	2638	755	0.69	100	10	699	61.1	2400	833	0.68	100
10	6	687	42.6	2300	390	0.70	100	2	767	0.0	3100	0	0.69	100	8	707	51.5	2500	496	0.70	100
15	-	-	-	-	-	-	-	2	920	0.0	5050	0	0.65	100	2	920	0.0	5050	0	0.65	100
TOTAL	162							176							338						
MEAN		590	49	1483	388	0.71			615	68.4	1654	654	0.69			603	60.9	1572	549	0.70	
MEAN AGE	6.5																				

Table 182. Biological data by age group for northern pike caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
4	1	519	-	900	-	0.64	100	-	-	-	-	-	-	-	1	519	-	900	-	0.64	100
5	4	543	26.1	1100	158	0.68	75	7	563	15.1	1250	126	0.70	71	11	556	20.9	1195	151	0.69	73
6	20	577	39.6	1353	300	0.70	90	14	568	32.6	1229	163	0.67	79	34	573	36.7	1301	257	0.69	85
7	14	604	47.3	1543	311	0.69	100	15	630	46.8	1710	438	0.67	100	29	618	48.1	1629	385	0.68	100
8	7	622	38.5	1750	410	0.72	86	7	688	84.2	2214	981	0.64	86	14	655	71.6	1982	761	0.68	86
9	1	620	-	1450	-	0.61	100	4	719	54.6	2638	816	0.69	100	5	699	64.8	2400	884	0.68	100
10	3	687	47.6	2300	436	0.70	100	1	767	-	3100	-	0.69	100	4	707	55.7	2500	535	0.70	100
15	-	-	-	-	-	-	-	1	920	-	5050	-	0.65	100	1	920	-	5050	-	0.65	100
TOTAL	50							49							99						
MEAN		595	51	1491	410	0.70			627	84.3	1751	840	0.67			611	71.2	1620	668	0.69	
MEAN AGE	6.8																				

Table 183. Biological data by age group for northern pike caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
5	3	603	54.1	1467	462	0.65	100	1	592	-	1300	-	0.63	100	4	600	44.6	1425	386	0.65	100
6	5	578	22.2	1340	216	0.69	80	6	603	22.3	1450	243	0.66	100	11	592	25.0	1400	227	0.68	91
7	3	584	14.8	1450	50	0.73	100	2	634	31.8	1850	141	0.73	100	5	604	33.1	1610	233	0.73	100
8	2	700	53.7	2375	389	0.69	100	4	637	37.1	1825	202	0.71	100	6	658	49.7	2008	368	0.70	100
TOTAL	13							13							26						
MEAN		604	53	1554	447	0.69			617	30.9	1615	287	0.69			611	43.3	1585	370	0.69	
MEAN AGE	6.5																				

Table 184. Biological data by age group for northern pike caught by experimental gillnets in Area II, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT
3	-	-	-	-	-	-	-	1	495	-	900	-	0.74	100	1	495	-	900	-	0.74	100
4	1	530	-	1100	-	0.74	100	-	-	-	-	-	-	-	1	530	-	1100	-	0.74	100
5	4	556	28.1	1325	263	0.77	100	8	578	41.6	1406	318	0.72	100	12	570	37.7	1379	291	0.74	100
6	10	574	26.9	1375	210	0.72	100	16	601	23.2	1575	126	0.73	100	26	591	27.5	1498	188	0.73	100
7	2	562	24.0	1825	460	1.05	100	1	600	-	1400	-	0.65	100	3	575	27.8	1683	407	0.92	100
8	1	570	-	1600	-	0.86	100	-	-	-	-	-	-	-	1	570	-	1600	-	0.86	100
TOTAL	18							26							44						
MEAN		566	26	1411	280	0.78			590	36.0	1490	243	0.72			580	34.1	1458	259	0.75	
MEAN AGE	5.7																				

Table 185. Biological data by age group for round whitefish caught by experimental gillnets, Great Slave Lake, 1980-81.

AGE (YR)	MALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT
3	2	279	0.0	250	0	1.15	0	-	-	-	-	-	-	-	2	279	0.0	250	0	1.15	0
5	2	245	0.0	150	0	1.02	0	8	284	49.6	288	133	1.16	50	10	276	46.7	260	131	1.13	40
6	4	286	23.7	325	29	1.42	50	-	-	-	-	-	-	-	4	286	23.7	325	29	1.42	50
7	4	312	21.4	375	87	1.22	100	-	-	-	-	-	-	-	4	312	21.4	375	87	1.22	100
8	10	348	25.0	530	158	1.22	60	16	357	27.7	494	105	1.08	88	26	354	26.6	508	126	1.13	77
9	4	373	35.8	650	173	1.23	100	12	348	26.3	508	143	1.18	83	16	354	29.9	544	158	1.19	88
10	14	362	34.3	593	234	1.20	71	8	396	29.8	713	153	1.14	100	22	374	36.1	636	213	1.18	82
11	6	376	24.9	617	129	1.14	67	10	388	28.8	710	190	1.19	100	16	384	27.2	675	171	1.17	88
12	4	375	23.1	675	87	1.28	100	-	-	-	-	-	-	-	4	375	23.1	675	87	1.28	100
13	10	371	33.8	720	144	1.42	100	-	-	-	-	-	-	-	10	371	33.8	720	144	1.42	100
14	2	383	0.0	750	0	1.33	100	2	400	0.0	800	0	1.25	100	4	392	9.8	775	29	1.29	100
17	2	416	0.0	1000	0	1.39	100	-	-	-	-	-	-	-	2	416	0.0	1000	0	1.39	100
TOTAL	64							56							120						
MEAN		352	44	577	220	1.26			357	46.6	548	201	1.15			354	45.2	563	211	1.21	
MEAN AGE	9.4																				

Table 186. Biological data by age group for round whitefish caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
5	-	-	-	-	-	-	-	1	330	-	450	-	1.25	100	1	330	-	450	-	1.25	100
10	1	435	-	1100	-	1.34	100	-	-	-	-	-	-	-	1	435	-	1100	-	1.34	100
TOTAL	1							1							2						
MEAN		435	-	1100	-	1.34			330	-	450	-	1.25			383	74.2	775	460	1.29	
MEAN AGE	7.5																				

Table 187. Biological data by age group for round whitefish caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
3	1	279	-	250	-	1.15	0	-	-	-	-	-	-	-	1	279	-	250	-	1.15	0
TOTAL	1							0							1						
MEAN		279	-	250	-	1.15			-	-	-	-	-			279	-	250	-	1.15	
MEAN AGE	3.0																				

Table 188. Biological data by age group for round whitefish caught by experimental gillnets in Area II, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
5	-	-	-	-	-	-	-	1	207	-	100	-	1.13	0	1	207	-	100	-	1.13	0
7	1	293	-	300	-	1.19	100	-	-	-	-	-	-	-	1	293	-	300	-	1.19	100
9	-	-	-	-	-	-	-	1	321	-	400	-	1.21	0	1	321	-	400	-	1.21	0
TOTAL	1							2							3						
MEAN		293	-	300	-	1.19			264	80.6	250	212	1.17			274	59.4	267	153	1.18	
MEAN AGE	7.0																				

Table 189. Biological data by age group for round whitefish caught by experimental gillnets in Area V, Great Slave Lake, 1981.

AGE (YR)	MALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT
5	1	245	-	150	-	1.02	0	2	299	12.0	300	0	1.13	50	3	281	32.0	250	87	1.10	33
6	2	286	29.0	325	35	1.42	50	-	-	-	-	-	-	-	2	286	29.0	325	35	1.42	50
7	1	330	-	450	-	1.25	100	-	-	-	-	-	-	-	1	330	-	450	-	1.25	100
8	5	348	26.5	530	168	1.22	60	8	357	28.7	494	108	1.08	88	13	354	27.1	508	129	1.13	77
9	2	373	43.8	650	212	1.23	100	5	353	27.2	530	157	1.18	100	7	359	30.1	564	165	1.19	100
10	6	350	16.7	508	107	1.18	67	4	396	32.2	713	165	1.14	100	10	368	32.7	590	163	1.16	80
11	3	376	27.8	617	144	1.14	67	5	388	30.5	710	201	1.19	100	8	384	28.1	675	177	1.17	88
12	2	375	28.3	675	106	1.28	100	-	-	-	-	-	-	-	2	375	28.3	675	106	1.28	100
13	5	371	35.8	720	152	1.42	100	-	-	-	-	-	-	-	5	371	35.8	720	152	1.42	100
14	1	383	-	750	-	1.33	100	1	400	-	800	-	1.25	100	2	392	12.0	775	35	1.29	100
17	1	416	-	1000	-	1.39	100	-	-	-	-	-	-	-	1	416	-	1000	-	1.39	100
TOTAL	29							25							54						
MEAN		354	40	579	196	1.26			366	37.3	576	189	1.14			359	39.1	578	191	1.20	
MEAN AGE	9.7																				

Table 190. Biological data by age group for lake cisco caught by experimental gillnets, Great Slave Lake, 1980-81.

AGE (YR)	MALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	SD	WEIGHT(G) MEAN	SD	K	% MAT
4	2	189	0.0	50	0	0.74	0	2	256	0.0	200	0	1.19	100	4	223	38.7	125	87	0.97	50
5	2	219	0.0	100	0	0.95	100	4	241	61.2	225	144	1.44	0	6	234	48.7	183	129	1.28	33
6	6	254	51.4	250	134	1.38	67	6	254	32.3	183	129	0.98	33	14	248	41.1	193	134	1.09	50
7	16	277	24.0	275	110	1.24	50	10	271	38.6	260	107	1.22	60	32	269	29.9	247	108	1.19	54
8	30	288	25.0	292	126	1.17	53	36	278	21.7	247	62	1.14	50	70	283	23.2	268	95	1.15	50
9	40	304	33.4	347	129	1.17	65	60	293	38.4	308	147	1.14	60	116	295	35.3	310	135	1.14	61
10	64	319	29.2	384	118	1.14	75	74	315	27.4	370	119	1.15	68	146	316	27.8	372	117	1.14	71
11	84	336	31.0	473	147	1.20	76	102	343	31.0	513	169	1.22	84	202	340	30.6	492	161	1.20	80
12	76	357	15.1	563	88	1.23	95	126	368	26.6	631	142	1.25	84	210	363	24.8	598	133	1.24	87
13	54	372	26.5	632	138	1.21	89	88	381	29.4	690	161	1.23	98	144	377	28.9	664	157	1.22	94
14	20	382	16.6	715	97	1.29	100	60	404	27.1	858	169	1.30	100	80	398	26.6	823	166	1.29	100
15	10	404	17.7	792	114	1.20	80	50	410	32.6	878	208	1.26	100	62	408	30.7	854	202	1.24	97
16	-	-	-	-	-	-	-	26	433	20.5	1015	208	1.24	100	26	433	20.5	1015	208	1.24	100
17	-	-	-	-	-	-	-	14	441	20.7	1114	264	1.28	100	14	441	20.7	1114	264	1.28	100
TOTAL	404							658							1126						
MEAN		334	44	476	185	1.20			355	54.8	592	277	1.22			345	52.3	535	253	1.20	
MEAN AGE	11.3																				

Table 191. Biological data by age group for lake cisco caught by experimental gillnets in Area IW, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
4	-	-	-	-	-	-	-	1	256	-	200	-	1.19	100	1	256	-	200	-	1.19	100
5	-	-	-	-	-	-	-	2	241	75.0	225	177	1.44	0	2	241	75.0	225	177	1.44	0
6	-	-	-	-	-	-	-	1	295	-	350	-	1.36	100	1	295	-	350	-	1.36	100
7	2	311	16.3	450	71	1.50	100	1	283	-	300	-	1.32	100	3	301	19.6	400	100	1.44	100
8	-	-	-	-	-	-	-	2	291	23.3	250	71	1.00	50	2	291	23.3	250	71	1.00	50
9	-	-	-	-	-	-	-	4	329	21.1	500	147	1.38	75	4	329	21.1	500	147	1.38	75
10	-	-	-	-	-	-	-	1	329	-	400	-	1.12	100	1	329	-	400	-	1.12	100
11	1	346	-	500	-	1.21	0	-	-	-	-	-	-	-	1	346	-	500	-	1.21	0
12	1	322	-	350	-	1.05	100	3	360	21.4	550	50	1.18	100	4	351	25.8	500	108	1.15	100
13	-	-	-	-	-	-	-	2	368	15.6	575	35	1.16	100	2	368	15.6	575	35	1.16	100
TOTAL	4							17							21						
MEAN		322	19	438	75	1.31			315	48.9	412	164	1.25			316	44.5	417	150	1.26	
MEAN AGE	9.0																				

Table 192. Biological data by age group for lake cisco caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
6	1	263	-	250	-	1.37	0	1	228	-	100	-	0.84	0	3	233	27.4	133	104	0.92	0
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	267	-	200	-	1.05	-
8	5	277	12.1	256	38	1.20	20	4	282	15.1	250	41	1.11	25	10	280	12.2	253	35	1.15	22
9	6	319	29.3	413	147	1.22	67	2	269	9.2	200	0	1.04	0	15	295	29.4	299	134	1.10	50
10	11	327	27.0	423	117	1.18	45	14	317	23.7	378	123	1.15	57	29	319	24.6	384	119	1.15	52
11	9	346	23.6	527	128	1.24	56	13	344	30.1	521	161	1.24	92	30	344	26.6	506	152	1.21	75
12	19	360	12.3	573	68	1.23	95	20	362	17.8	601	87	1.27	75	42	359	15.7	579	86	1.24	85
13	9	365	17.6	619	89	1.26	100	14	372	37.6	635	168	1.20	93	24	368	31.3	619	145	1.22	96
14	3	377	8.5	667	76	1.24	100	12	382	21.6	742	135	1.33	100	15	381	19.5	727	127	1.31	100
15	1	421	-	860	-	1.15	100	7	396	30.6	800	185	1.27	100	9	396	29.0	779	183	1.23	100
16	-	-	-	-	-	-	-	1	402	-	650	-	1.00	100	1	402	-	650	-	1.00	100
TOTAL	64							88							179						
MEAN		343	35	511	152	1.23			352	42.2	564	206	1.22			343	41.6	512	195	1.20	
MEAN AGE	11.4																				

Table 193. Biological data by age group for lake cisco caught by experimental gillnets in Area II, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
5	1	219	-	100	-	0.95	100	-	-	-	-	-	-	-	1	219	-	100	-	0.95	100
7	3	269	11.1	217	29	1.11	67	1	258	-	200	-	1.16	0	4	266	10.6	213	25	1.12	50
8	6	280	7.4	233	26	1.06	50	4	282	20.6	250	41	1.12	0	10	281	13.1	240	32	1.08	30
9	3	295	16.1	300	50	1.16	100	5	290	15.8	280	45	1.14	0	8	292	15.0	288	44	1.15	38
10	9	315	27.5	361	111	1.12	78	4	323	41.2	425	176	1.14	50	13	319	31.2	381	130	1.13	69
11	8	331	20.0	450	89	1.22	100	8	336	25.0	463	119	1.20	63	16	334	22.0	456	101	1.21	81
12	2	363	14.8	550	0	1.16	100	10	359	15.5	590	110	1.27	80	12	360	14.8	583	101	1.25	83
13	5	375	35.5	650	197	1.20	80	1	378	-	600	-	1.11	100	6	376	31.8	642	177	1.19	83
14	-	-	-	-	-	-	-	1	398	-	700	-	1.11	100	1	398	-	700	-	1.11	100
15	1	385	-	600	-	1.05	100	1	373	-	600	-	1.16	100	2	379	8.5	600	0	1.10	100
17	-	-	-	-	-	-	-	1	407	-	650	-	0.96	100	1	407	-	650	-	0.96	100
TOTAL	38							36							74						
MEAN		317	43	391	175	1.14			333	41.3	457	171	1.18			325	42.7	423	175	1.16	
MEAN AGE	10.5																				

Table 194. Biological data by age group for lake cisco caught by experimental gillnets in Area III, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	235	4.2	125	35	0.96	-
8	-	-	-	-	-	-	-	3	261	8.4	183	29	1.03	67	4	272	22.4	213	63	1.04	50
9	2	325	25.5	400	141	1.14	50	7	312	43.2	343	177	1.04	71	10	309	41.6	340	161	1.08	60
10	3	332	1.5	400	0	1.09	100	4	316	15.6	388	63	1.22	75	7	323	14.1	393	45	1.16	86
11	10	358	24.4	555	126	1.19	70	16	354	37.4	563	213	1.21	75	26	355	32.5	560	181	1.20	73
12	7	365	16.6	593	73	1.21	86	18	383	28.8	692	163	1.21	83	25	378	26.9	664	149	1.21	84
13	6	386	31.6	667	166	1.14	67	18	393	22.5	750	142	1.22	100	24	392	24.5	729	150	1.20	92
14	2	400	0.7	725	35	1.14	100	12	428	15.8	983	103	1.25	100	14	424	17.9	946	134	1.24	100
15	2	415	12.0	875	35	1.23	100	13	426	30.2	988	180	1.27	100	15	425	28.5	973	172	1.26	100
16	-	-	-	-	-	-	-	12	435	19.5	1046	190	1.26	100	12	435	19.5	1046	190	1.26	100
17	-	-	-	-	-	-	-	5	446	19.1	1230	199	1.38	100	5	446	19.1	1230	199	1.38	100
TOTAL	32							108							144						
MEAN		366	31	591	157	1.17			389	51.8	767	299	1.22			380	52.5	711	293	1.21	
MEAN AGE	12.5																				

Table 195. Biological data by age group for lake cisco caught by experimental gillnets in Area IV, Great Slave Lake, 1981.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
4	1	189	-	50	-	0.74	0	-	-	-	-	-	-	-	1	189	-	50	-	0.74	0
6	2	250	80.6	250	212	1.39	100	1	238	-	100	-	0.74	0	3	246	57.4	200	173	1.17	67
7	3	262	18.5	217	29	1.21	0	3	271	56.6	267	153	1.21	67	6	267	38.0	242	102	1.21	33
8	4	312	40.4	425	202	1.31	100	5	277	33.0	280	91	1.29	100	9	293	38.7	344	159	1.30	100
9	9	293	39.7	306	131	1.14	56	12	274	39.2	254	120	1.13	83	21	282	39.5	276	124	1.13	71
10	9	308	37.1	356	147	1.13	100	14	307	30.8	339	121	1.14	79	23	307	32.6	346	129	1.14	87
11	14	316	34.5	389	168	1.15	86	14	336	26.6	479	148	1.22	100	28	326	31.9	434	162	1.19	93
12	9	349	13.5	544	121	1.28	100	12	365	36.8	646	196	1.29	100	22	355	33.7	586	184	1.28	95
13	7	366	26.6	607	148	1.21	100	9	372	26.0	689	187	1.32	100	16	369	25.5	653	171	1.27	100
14	5	378	20.5	740	129	1.37	100	5	398	10.4	870	192	1.37	100	10	388	18.7	805	169	1.37	100
15	1	384	-	750	-	1.32	0	4	388	20.9	725	176	1.22	100	5	387	18.2	730	152	1.24	80
17	-	-	-	-	-	-	-	1	448	-	1000	-	1.11	100	1	448	-	1000	-	1.11	100
TOTAL	64							80							145						
MEAN		321	48	436	205	1.20			331	54.0	488	252	1.22			326	51.6	463	233	1.21	
MEAN AGE	10.8																				

Table 196. Biological data by age group for least cisco caught by experimental gillnets, Great Slave Lake, 1980-81.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
6	4	238	24.8	130	35	0.96	100	4	212	22.5	100	0	1.11	100	8	225	26.0	115	28	1.03	100
7	6	248	2.1	133	26	0.87	100	6	247	29.1	150	45	0.97	33	14	252	20.6	143	33	0.89	67
8	20	252	13.6	145	35	0.90	80	30	259	19.0	138	36	0.78	87	58	255	18.7	139	37	0.82	81
9	24	264	12.6	188	30	1.03	100	34	268	18.3	178	54	0.91	88	60	267	16.1	182	45	0.96	93
10	10	278	12.5	206	25	0.96	100	36	283	20.1	222	72	0.96	100	46	282	18.7	219	65	0.96	100
11	6	292	25.2	283	68	1.16	67	16	303	30.8	263	152	0.88	100	26	299	27.0	262	124	0.95	91
12	2	359	0.0	550	0	1.19	100	4	301	6.9	225	29	0.82	100	6	320	30.4	333	169	0.94	100
13	-	-	-	-	-	-	-	2	287	0.0	200	0	0.85	100	2	287	0.0	200	0	0.85	100
TOTAL	72							132							220						
MEAN		265	25	189	81	0.98			273	28.1	189	84	0.89			270	27.2	187	82	0.92	
MEAN AGE	9.1																				

Table 197. Biological data by age group for least cisco caught by experimental gillnets in Area IE, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
6	2	238	30.4	130	42	0.96	100	2	212	27.6	100	0	1.11	100	4	225	28.1	115	30	1.03	100
8	4	257	7.5	163	23	0.96	75	7	244	7.9	117	15	0.81	86	11	249	9.6	134	29	0.86	82
9	1	266	-	200	-	1.06	100	9	272	20.4	183	56	0.89	78	10	271	19.3	135	53	0.91	80
10	3	270	5.5	193	12	0.99	100	7	288	25.5	214	63	0.88	100	10	282	22.7	208	52	0.91	100
11	2	305	24.0	275	106	0.94	50	6	291	9.9	208	20	0.85	100	9	294	13.1	222	51	0.86	88
12	-	-	-	-	-	-	-	1	295	-	200	-	0.78	100	1	295	-	200	-	0.78	100
TOTAL	12							32							45						
MEAN		266	25	187	60	0.97			270	28.9	176	58	0.87			269	27.5	179	58	0.90	
MEAN AGE	9.2																				

Table 198. Biological data by age group for least cisco caught by experimental gillnets in Area III, Great Slave Lake, 1980.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
7	1	247	-	150	-	1.00	100	3	247	32.5	150	50	0.97	33	5	253	26.1	150	35	0.93	50
8	5	252	17.9	130	45	0.79	80	7	272	18.1	150	41	0.73	86	15	263	18.2	143	37	0.77	83
9	4	262	13.0	163	25	0.90	100	4	264	14.5	168	57	0.90	100	9	265	13.3	169	40	0.90	100
10	-	-	-	-	-	-	-	4	282	2.2	200	0	0.89	100	4	282	2.2	200	0	0.89	100
11	-	-	-	-	-	-	-	1	298	-	200	-	0.76	100	1	298	-	200	-	0.76	100
12	-	-	-	-	-	-	-	1	307	-	250	-	0.86	100	1	307	-	250	-	0.86	100
TOTAL	10							20							35						
MEAN		256	15	145	37	0.86			272	21.9	171	46	0.84			267	19.9	162	41	0.84	
MEAN AGE	8.5																				

Table 199. Biological data by age group for least cisco caught by experimental gillnets in Area IV, Great Slave Lake, 1980.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
7	2	249	2.8	125	35	0.81	100	-	-	-	-	-	-	-	2	249	2.8	125	35	0.81	100
8	1	237	-	150	-	1.13	100	1	270	-	200	-	1.02	100	3	238	32.0	133	76	0.90	67
9	7	265	14.7	200	29	1.10	100	4	262	20.2	175	65	0.94	100	11	264	16.0	191	44	1.05	100
10	2	291	9.9	225	35	0.92	100	7	279	22.0	243	102	1.07	100	9	282	20.1	239	89	1.04	100
11	1	266	-	300	-	1.59	100	1	379	-	650	-	1.19	100	3	312	59.2	400	218	1.26	100
12	1	359	-	550	-	1.19	100	-	-	-	-	-	-	-	1	359	-	550	-	1.19	100
13	-	-	-	-	-	-	-	1	287	-	200	-	0.85	100	1	287	-	200	-	0.85	100
TOTAL	14							14							30						
MEAN		271	31	221	107	1.08			281	34.4	246	142	1.03			274	34.0	228	124	1.03	
MEAN AGE	9.5																				

Table 200. Biological data by age group for cisco(spp) caught by experimental gillnets (Area V only), Great Slave Lake 1981.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
4	-	-	-	-	-	-	-	1	167	-	50	-	1.07	0	1	167	-	50	-	1.07	0
5	3	214	42.6	117	76	1.07	100	3	179	14.7	50	0	0.89	67	6	197	34.2	83	61	0.98	83
6	2	224	44.5	75	35	0.65	100	11	230	41.7	141	92	1.03	91	13	229	40.2	131	88	0.97	92
7	7	272	11.3	229	39	1.14	100	11	261	37.9	223	98	1.17	91	18	265	30.3	225	79	1.16	94
8	7	268	27.1	243	73	1.26	86	19	274	20.7	239	74	1.14	95	27	272	22.0	239	71	1.18	89
9	7	276	20.5	229	70	1.07	100	22	281	31.0	257	102	1.14	95	29	279	28.5	250	94	1.13	97
10	6	297	36.9	325	164	1.19	100	4	283	29.4	288	75	1.25	75	10	292	33.1	310	131	1.21	90
11	4	310	23.6	363	63	1.22	75	6	317	38.2	342	159	1.00	67	10	314	31.8	350	125	1.09	70
12	1	275	-	200	-	0.96	100	2	326	2.1	450	0	1.31	50	3	309	29.2	367	144	1.19	67
14	1	385	-	650	-	1.14	100	1	451	-	1250	-	1.36	100	2	418	46.7	950	424	1.25	100
TOTAL	38							80							119						
MEAN		276	40	254	127	1.13			270	47.6	247	162	1.12			272	45.0	249	151	1.13	
MEAN AGE	8.3																				

Table 201. Weight-length relationships, $\log_{10} W = a + b (\log_{10} L)$, for each fish species (sexes combined) from Great Slave Lake, 1980-81.

Area	Species	N	Y-intercept (a)	Slope (b)	Standard Dev. of b (SD_b)	95% C.I.
IW	Lake whitefish	233	-5.017	3.072	0.041	2.99 -3.15
	Northern pike	437	-4.710	2.835	0.052	2.73 -2.94
	Lake cisco	25	-4.262	2.738	0.204	2.316-3.160
	Arctic grayling	13	-4.028	2.675	0.348	1.909-3.441
	Burbot	5	-2.825	2.180	0.361	1.031-3.329
	Longnose sucker	304	-0.977	0.845	0.081	0.686-1.004
	White sucker	16	-2.686	2.210	0.205	1.770-2.650
IE	Lake whitefish	391	-5.868	3.400	0.027	3.347-3.453
	Northern pike	37	-5.377	3.080	0.245	2.581-3.579
	Inconnu	3	-4.916	2.985	0.278	-0.547-6.517
	Walleye	3	-0.060	0.927	0.564	-6.239-8.093
	Round whitefish	4	-4.385	2.757	0.216	1.828-3.686
	Lake cisco	278	-5.819	3.352	0.044	3.266-3.438
	Least cisco	70	-5.118	3.028	0.147	2.734-3.322
	Burbot	72	-4.807	2.854	0.116	2.623-3.085
	Longnose sucker	210	-5.024	3.048	0.072	2.907-3.189
II	Lake whitefish	981	-5.796	3.377	0.019	3.340-3.414
	Northern pike	68	-3.629	2.455	0.202	2.051-2.859
	Round whitefish	20	-6.152	2.478	0.145	3.173-3.783
	Lake cisco	84	-5.602	2.267	0.068	3.132-3.402
	Burbot	53	-3.049	2.211	0.146	1.918-2.504
	Longnose sucker	116	-5.451	0.223	0.056	3.112-3.334
III	Lake whitefish	209	-6.077	3.492	0.058	3.378-3.606
	Lake cisco	176	-5.625	3.273	0.044	3.187-3.359
	least cisco	58	-5.200	3.050	0.222	2.605-3.495
	Burbot	186	-5.032	2.936	0.054	2.830-3.042
	Longnose sucker	184	-3.090	2.317	0.142	2.039-2.595
IV	Lake whitefish	1254	-5.085	3.080	0.023	3.035-3.125
	Northern pike	14	-4.936	3.361	0.177	3.006-3.716
	Walleye	3	-6.482	3.122	0.183	2.727-3.517
	Lake cisco	241	-5.051	3.050	0.145	2.759-3.341
	Least cisco	67	-5.235	3.112	0.082	2.951-3.273
	Burbot	110	-4.196	3.024	0.185	2.643-3.405
	Longnose sucker	61	-4.767	3.726	0.182	3.147-4.305
V	Lake whitefish	1187	-5.017	3.072	0.041	2.99 -3.15
	Lake trout	58	-2.686	2.210	0.205	1.770-2.650
	Northern pike	15	-4.710	2.835	0.052	2.73 -2.94
	Round whitefish	56	-4.028	2.675	0.348	1.909-3.441
	Cisco (spp)	188	-4.262	2.738	0.204	2.316-3.160
	Burbot	27	-2.825	2.180	0.361	1.031-3.329
	Longnose sucker	5	-0.977	0.845	0.081	0.686-1.004
Total	Lake whitefish	4260	-5.582	3.287	0.011	3.265-3.309
	Lake trout	60	-5.848	3.327	0.164	2.998-3.656
	Northern pike	575	-4.622	2.806	0.047	2.714-2.898
	Inconnu	7	-5.778	3.292	0.229	2.703-3.881
	Walleye	8	-4.406	2.751	0.294	2.032-3.470
	Round whitefish	85	-5.910	3.386	0.063	3.261-3.511
	Cisco (spp)	188	-5.235	3.112	0.082	2.951-3.273
	Lake cisco	808	-5.626	3.276	0.025	3.227-3.325
	Least cisco	198	-5.308	3.107	0.107	2.897-3.317
	Arctic grayling	17	-5.300	3.156	0.116	2.909-3.403
	Burbot	458	-4.890	2.890	0.042	2.808-2.972
	Longnose sucker	885	-3.920	2.637	0.044	2.551-2.723
	White sucker	18	-2.611	2.182	0.192	1.775-2.589

Table 202. Instantaneous total mortality (Z) for each fish species from Great Slave Lake, 1980-81.

Area	Species	Ages (yr)	Total Instantaneous Mortality (Z)	Survival (s)
IW	Lake whitefish	13-16	0.24	0.79
	Northern pike	8-10	0.77	0.46
	Lake cisco	9-10	0.23	0.79
IE	Lake whitefish	10-13	0.59	0.55
	Lake cisco	13-15	0.79	0.45
II	Lake whitefish	10-13	1.10	0.33
	Lake cisco	12-15	0.70	0.50
III	Lake whitefish	11-12	1.24	0.29
	Lake cisco	13-16	0.25	0.78
	Least cisco	9-11	0.82	0.44
IV	Lake whitefish	11-14	0.95	0.39
	Lake cisco	13-15	0.71	0.49
	Least cisco	10-12	0.77	0.46
V	Lake whitefish	12-16	0.85	0.43
	Round whitefish	10-14	0.34	0.71
	Cisco (spp)	10-12	0.65	0.52
Total	Lake whitefish	11-16	0.68	0.51
	Northern pike	8-10	0.88	0.41
	Round whitefish	11-14	0.33	0.72
	Cisco (spp)	10-12	0.65	0.52
	Lake cisco	13-16	0.52	0.59
	Least cisco	10-12	0.91	0.40

Appendix 1. Length, mesh depth, net depth and twine size of each mesh size composing the experimental gillnet gang.

Mesh Size (mm)	Length (m)	Meshes Deep	Approx. Net Depth (m)	Twine Size
38	45.7	60	1.9	210/2
64	45.7	36	1.9	210/2
89	45.7	24	1.8	210/3
114	45.7	20	1.9	210/3
127	45.7	16	1.7	210/3
133	45.7	16	1.8	210/3
139	45.7	16	1.9	210/3

Appendix 2. Catch and catch per unit effort (CPE), by mesh size and area, for lake whitefish caught by experimental gillnets, Great Slave Lake, 1977.

Area		Mesh Size (mm) 38	64	89	114	127	133	139	Total
IE	Number fish	17	186	279	151	70	43	25	771
	No. fish/net	2	21	31	17	8	5	3	86
	Total weight (kg)	13.0	89.1	169.7	135.9	68.5	45.1	27.3	548.6
	CPE-(no.)[1]	3.8	41.9	62.9	34.0	15.8	10.9	6.3	24.8
	-(kg)[2]	2.9	20.1	38.3	30.6	15.4	11.5	6.9	17.7
II	Number fish	155	426	323	180	79	53	20	1236
	No. fish/net	22	61	46	26	11	8	3	206
	Total weight (kg)	54.1	185.3	201.9	157.8	72.8	52.2	21.3	745.3
	CPE-(no.)[1]	40.9	112.4	85.2	47.5	20.8	14.0	5.3	46.6
	-(kg)[2]	14.3	48.9	53.2	41.6	19.2	13.8	5.6	28.1
IV	Number fish	17	168	144	81	46	33	18	508
	No. fish/net	2	19	16	9	5	4	2	56.4
	Total weight (kg)	11.4	62.2	93.6	73.1	44.5	34.6	19.5	339.9
	CPE-(no.)[1]	4.7	36.8	31.6	17.8	10.1	8.3	4.0	15.9
	-(kg)[2]	3.2	13.6	20.5	16.0	9.8	8.7	4.3	10.6
V	Number fish	99	175	166	109	39	45	11	644
	No. fish/net	7	12	11	7	3	3	1	42.9
	Total weight (kg)	29.3	87.1	115.0	99.6	38.3	49.1	12.1	430.7
	CPE-(no.)[1]	12.3	21.7	20.6	13.5	4.8	5.6	1.4	11.4
	-(kg)[2]	3.6	10.8	14.3	12.4	4.8	6.1	1.5	7.6
Total	Number fish	288	955	912	521	234	174	74	3159
	No. fish/net	7	24	23	13	6.0	4	2	79
	Total weight (kg)	107.8	423.7	580.2	466.4	224.1	181.0	80.2	2064.5
	CPE-(no.)[1]	13.8	45.8	43.7	25.0	11.2	8.3	3.5	21.6
	-(kg)[2]	5.2	20.3	27.8	22.4	10.7	8.7	3.8	14.1

[1]No. fish/91 m net/24 hr.
[2]Kg fish/91 m net/24 hr.

Appendix 3. Biological data by length interval for lake trout caught by experimental gillnets, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
575	1	589	3050	-	1.49	100	-	-	-	-	-	-	1	589	3050	-	1.49	100
600	-	-	-	-	-	-	1	619	2650	-	1.12	100	1	619	2650	-	1.12	100
625	1	634	3500	-	1.37	100	-	-	-	-	-	-	1	634	3500	-	1.37	100
650	-	-	-	-	-	-	1	653	3900	-	1.40	100	1	653	3900	-	1.40	100
TOTAL	2						2						4					
MEAN		612	3275	318	1.43			636	3275	884	1.26			624	3275	542	1.35	

Appendix 4. Biological data by length interval for lake trout caught by experimental gillnets in Area II, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
600	-	-	-	-	-	-	1	619	2650	-	1.12	100	1	619	2650	-	1.12	100
625	1	634	3500	-	1.37	100	-	-	-	-	-	-	1	634	3500	-	1.37	100
650	-	-	-	-	-	-	1	653	3900	-	1.40	100	1	653	3900	-	1.40	100
TOTAL	1						2						3					
MEAN		634	3500	-	1.37			636	3275	884	1.26			635	3350	638	1.30	

Appendix 5. Biological data by length interval for lake trout caught by experimental gillnets in Area V, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
575	1	589	3050	-	1.49	100	-	-	-	-	-	-	1	589	3050	-	1.49	100
TOTAL	1						0						1					
MEAN		589	3050	-	1.49			-	-	-	-			589	3050	-	1.49	

Appendix 6. Biological data by length interval for inconnu caught by experimental gillnets, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
580	1	581	2700	-	1.38	100	-	-	-	-	-	-	1	581	2700	-	1.38	100
600	2	612	2625	247	1.14	100	-	-	-	-	-	-	2	612	2625	247	1.14	100
620	2	638	3175	247	1.23	100	-	-	-	-	-	-	2	638	3175	247	1.23	100
640	1	644	3350	-	1.25	100	-	-	-	-	-	-	1	644	3350	-	1.25	100
TOTAL	6						0						6					
MEAN		621	2942	363	1.23			-	-	-	-			621	2942	363	1.23	

Appendix 7. Biological data by length interval for inconnu caught by experimental gillnets in Area II, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
600	1	609	2450	-	1.08	100	-	-	-	-	-	-	1	609	2450	-	1.08	100
620	1	638	3350	-	1.29	100	-	-	-	-	-	-	1	638	3350	-	1.29	100
TOTAL	2						0						2					
MEAN		624	2900	636	1.19			-	-	-	-			624	2900	636	1.19	

Appendix 8. Biological data by length interval for inconnu caught by experimental gillnets in Area V, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
580	1	581	2700	-	1.38	100	-	-	-	-	-	-	1	581	2700	-	1.38	100
600	1	615	2800	-	1.20	100	-	-	-	-	-	-	1	615	2800	-	1.20	100
620	1	637	3000	-	1.16	100	-	-	-	-	-	-	1	637	3000	-	1.16	100
640	1	644	3350	-	1.25	100	-	-	-	-	-	-	1	644	3350	-	1.25	100
TOTAL	4						0						4					
MEAN		619	2963	287	1.25			-	-	-	-			619	2963	287	1.25	

Appendix 9. Biological data by length interval for northern pike caught by experimental gillnets, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
200	-	-	-	-	-	-	-	-	-	-	-	-	2	201	75	35	0.93	0
240	1	246	100	-	0.67	0	-	-	-	-	-	-	1	246	100	-	0.67	0
260	1	262	150	-	0.83	0	-	-	-	-	-	-	1	262	150	-	0.83	0
280	2	288	175	35	0.74	0	-	-	-	-	-	-	2	288	175	35	0.74	0
300	-	-	-	-	-	-	-	-	-	-	-	-	1	310	200	-	0.67	0
320	1	336	300	-	0.79	0	-	-	-	-	-	-	2	331	275	35	0.76	0
340	-	-	-	-	-	-	2	348	325	35	0.78	0	2	348	325	35	0.78	0
360	3	372	400	50	0.77	100	2	373	375	35	0.72	0	7	370	371	49	0.73	43
380	7	389	457	79	0.78	29	3	381	433	29	0.78	0	11	387	455	65	0.78	18
400	3	414	517	29	0.73	33	3	409	483	29	0.71	0	6	411	500	32	0.72	17
420	5	425	570	45	0.74	80	5	429	560	42	0.71	0	10	427	565	41	0.73	40
440	13	450	650	74	0.71	54	6	453	683	68	0.73	17	19	451	661	72	0.72	42
460	5	465	730	104	0.73	80	5	469	760	65	0.74	40	10	467	745	83	0.73	60
480	5	489	860	55	0.74	100	10	489	825	82	0.71	60	15	489	837	74	0.72	73
500	6	509	958	74	0.73	100	4	509	900	91	0.68	100	10	509	935	82	0.71	100
520	3	527	967	144	0.66	100	2	531	1150	141	0.77	100	5	528	1040	160	0.70	100
540	4	552	1213	111	0.72	100	6	546	1108	124	0.68	33	10	549	1150	125	0.70	60
560	4	568	1313	111	0.72	100	2	573	1300	71	0.69	0	6	569	1308	92	0.71	67
580	3	591	1500	100	0.73	100	6	591	1467	157	0.71	100	9	591	1478	135	0.72	100
600	3	611	1517	29	0.66	100	6	610	1525	327	0.67	100	9	610	1522	259	0.67	100
620	3	627	1800	300	0.73	100	4	631	1588	347	0.63	75	7	629	1679	321	0.67	86
640	4	649	1938	95	0.71	100	2	648	1900	141	0.70	100	6	649	1925	99	0.71	100
660	2	674	1775	601	0.58	100	6	669	1950	367	0.65	67	8	670	1906	393	0.63	75
680	1	696	2700	-	0.80	100	3	691	2050	100	0.62	100	4	693	2213	335	0.67	100
700	1	708	2600	-	0.73	100	6	709	2542	196	0.71	100	7	708	2550	180	0.72	100
720	-	-	-	-	-	-	2	735	2375	955	0.60	100	2	735	2375	955	0.60	100
740	-	-	-	-	-	-	2	753	2800	0	0.66	50	2	753	2800	0	0.66	50
760	-	-	-	-	-	-	1	768	3150	-	0.70	100	1	768	3150	-	0.70	100
780	-	-	-	-	-	-	4	785	3688	354	0.76	100	4	785	3688	354	0.76	100
800	-	-	-	-	-	-	4	809	3913	165	0.74	100	4	809	3913	165	0.74	100
840	-	-	-	-	-	-	1	856	5200	-	0.83	100	1	856	5200	-	0.83	100
900	-	-	-	-	-	-	1	906	4950	-	0.67	100	1	906	4950	-	0.67	100
980	1	990	6750	-	0.70	0	-	-	-	-	-	-	1	990	6750	-	0.70	0
TOTAL	81						98						186					
MEAN		496	1020	854	0.72			578	1566	1103	0.70			532	1279	1033	0.72	

Appendix 10. Biological data by length interval for northern pike caught by experimental gillnets in Area II, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
380	-	-	-	-	-	-	-	-	-	-	-	-	1	396	500	-	0.81	0
600	1	607	1550	-	0.69	100	1	610	1700	-	0.75	100	2	609	1625	106	0.72	100
620	1	625	1500	-	0.61	100	-	-	-	-	-	-	1	625	1500	-	0.61	100
640	1	640	1800	-	0.69	100	-	-	-	-	-	-	1	640	1800	-	0.69	100
660	1	670	2200	-	0.73	100	-	-	-	-	-	-	1	670	2200	-	0.73	100
TOTAL	4						1						6					
MEAN		636	1763	320	0.68			610	1700	-	0.75			591	1542	568	0.71	

Appendix 11. Biological data by length interval for northern pike caught by experimental gillnets in Area V, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
200	-	-	-	-	-	-	-	-	-	-	-	-	2	201	75	35	0.93	0
240	1	246	100	-	0.67	0	-	-	-	-	-	-	1	246	100	-	0.67	0
260	1	262	150	-	0.83	0	-	-	-	-	-	-	1	262	150	-	0.83	0
280	2	288	175	35	0.74	0	-	-	-	-	-	-	2	288	175	35	0.74	0
300	-	-	-	-	-	-	-	-	-	-	-	-	1	310	200	-	0.67	0
320	1	336	300	-	0.79	0	-	-	-	-	-	-	2	331	275	35	0.76	0
340	-	-	-	-	-	-	2	348	325	35	0.78	0	2	348	325	35	0.78	0
360	3	372	400	50	0.77	100	2	373	375	35	0.72	0	7	370	371	49	0.73	43
380	7	389	457	79	0.78	29	3	381	433	29	0.78	0	10	386	450	67	0.78	20
400	3	414	517	29	0.73	33	3	409	483	29	0.71	0	6	411	500	32	0.72	17
420	5	425	570	45	0.74	80	5	429	560	42	0.71	0	10	427	565	41	0.73	40
440	13	450	650	74	0.71	54	6	453	683	68	0.73	17	19	451	661	72	0.72	42
460	5	465	730	104	0.73	80	5	469	760	65	0.74	40	10	467	745	83	0.73	60
480	5	489	860	55	0.74	100	10	489	825	82	0.71	60	15	489	837	74	0.72	73
500	6	509	958	74	0.73	100	4	509	900	91	0.68	100	10	509	935	82	0.71	100
520	3	527	967	144	0.66	100	2	531	1150	141	0.77	100	5	528	1040	160	0.70	100
540	4	552	1213	111	0.72	100	6	546	1108	124	0.68	33	10	549	1150	125	0.70	60
560	4	568	1313	111	0.72	100	2	573	1300	71	0.69	0	6	569	1308	92	0.71	67
580	3	591	1500	100	0.73	100	6	591	1467	157	0.71	100	9	591	1478	135	0.72	100
600	2	614	1500	0	0.65	100	5	610	1490	352	0.66	100	7	611	1493	288	0.65	100
620	2	629	1950	212	0.78	100	4	631	1588	347	0.63	75	6	630	1708	341	0.68	83
640	3	652	1983	29	0.72	100	2	648	1900	141	0.70	100	5	650	1950	87	0.71	100
660	1	677	1350	-	0.44	100	6	669	1950	367	0.65	67	7	670	1864	405	0.62	71
680	1	696	2700	-	0.80	100	3	691	2050	100	0.62	100	4	693	2213	335	0.67	100
700	1	708	2600	-	0.73	100	6	709	2542	196	0.71	100	7	708	2550	180	0.72	100
720	-	-	-	-	-	-	2	735	2375	955	0.60	100	2	735	2375	955	0.60	100
740	-	-	-	-	-	-	2	753	2800	0	0.66	50	2	753	2800	0	0.66	50
760	-	-	-	-	-	-	1	768	3150	-	0.70	100	1	768	3150	-	0.70	100
780	-	-	-	-	-	-	4	785	3688	354	0.76	100	4	785	3688	354	0.76	100
800	-	-	-	-	-	-	4	809	3913	165	0.74	100	4	809	3913	165	0.74	100
840	-	-	-	-	-	-	1	856	5200	-	0.83	100	1	856	5200	-	0.83	100
900	-	-	-	-	-	-	1	906	4950	-	0.67	100	1	906	4950	-	0.67	100
980	1	990	6750	-	0.70	0	-	-	-	-	-	-	1	990	6750	-	0.70	0
TOTAL	77						97						180					
MEAN		489	982	856	0.73			578	1565	1108	0.70			530	1270	1045	0.72	

Appendix 12. Biological data by length interval for yellow walleye caught by experimental gillnets (Area V only), Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
160	-	-	-	-	-	-	-	-	-	-	-	-	1	168	50	-	1.05	0
190	-	-	-	-	-	-	-	-	-	-	-	-	1	193	100	-	1.39	0
330	1	332	400	-	1.09	100	-	-	-	-	-	-	1	332	400	-	1.09	100
420	2	427	1050	71	1.35	50	-	-	-	-	-	-	2	427	1050	71	1.35	50
430	2	434	1025	35	1.25	100	1	439	1100	-	1.30	0	3	436	1050	50	1.27	67
440	-	-	-	-	-	-	1	441	1000	-	1.17	100	1	441	1000	-	1.17	100
470	-	-	-	-	-	-	1	470	1100	-	1.06	100	1	470	1100	-	1.06	100
480	2	482	1425	35	1.27	100	-	-	-	-	-	-	2	482	1425	35	1.27	100
TOTAL	7						3						12					
MEAN		431	1057	345	1.26			450	1067	58	1.18			394	896	461	1.23	

Appendix 13. Biological data by length interval for round whitefish caught by experimental gillnets, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
190	-	-	-	-	-	-	-	-	-	-	-	-	2	197	75	35	1.00	0
220	1	222	150	-	1.37	100	-	-	-	-	-	-	1	222	150	-	1.37	100
230	-	-	-	-	-	-	1	230	150	-	1.23	100	1	230	150	-	1.23	100
250	-	-	-	-	-	-	1	250	300	-	1.92	100	1	250	300	-	1.92	100
280	5	284	240	22	1.05	100	3	281	267	76	1.20	100	8	283	250	46	1.10	100
290	1	298	350	-	1.32	100	3	295	283	29	1.11	100	4	296	300	41	1.16	100
300	-	-	-	-	-	-	1	302	400	-	1.45	100	1	302	400	-	1.45	100
310	1	318	350	-	1.09	100	2	317	700	424	2.18	100	3	317	583	362	1.82	100
320	5	324	430	104	1.26	100	-	-	-	-	-	-	5	324	430	104	1.26	100
330	2	337	600	0	1.31	100	1	339	550	-	1.41	100	3	338	517	29	1.14	100
340	2	348	700	141	1.67	100	1	341	500	-	1.26	0	3	345	633	153	1.53	67
360	2	366	650	0	1.33	100	2	367	550	71	1.12	100	4	366	600	71	1.22	100
370	1	372	700	-	1.36	100	-	-	-	-	-	-	1	372	700	-	1.36	100
380	2	386	800	71	1.39	100	1	385	750	-	1.31	100	3	385	783	58	1.37	100
390	2	395	900	141	1.47	100	1	396	750	-	1.21	100	3	395	850	132	1.38	100
400	1	400	850	-	1.33	100	2	405	1025	106	1.54	100	3	403	967	126	1.47	100
410	-	-	-	-	-	-	1	415	850	-	1.19	100	1	415	850	-	1.19	100
420	-	-	-	-	-	-	1	422	1050	-	1.40	100	1	422	1050	-	1.40	100
TOTAL	25						21						48					
MEAN		332	514	242	1.29			333	548	302	1.38			327	510	278	1.32	

Appendix 14. Biological data by length interval for round whitefish caught by experimental gillnets in Area II, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
220	1	222	150	-	1.37	100	-	-	-	-	-	-	1	222	150	-	1.37	100
250	-	-	-	-	-	-	1	250	300	-	1.92	100	1	250	300	-	1.92	100
280	5	284	240	22	1.05	100	2	281	225	35	1.02	100	7	283	236	24	1.04	100
290	-	-	-	-	-	-	2	294	275	35	1.09	100	2	294	275	35	1.09	100
310	1	318	350	-	1.09	100	-	-	-	-	-	-	1	318	350	-	1.09	100
320	3	322	383	115	1.15	100	-	-	-	-	-	-	3	322	383	115	1.15	100
330	2	337	500	0	1.31	100	-	-	-	-	-	-	2	337	500	0	1.31	100
360	-	-	-	-	-	-	1	368	500	-	1.00	100	1	368	500	-	1.00	100
TOTAL	12						6						18					
MEAN		300	321	123	1.15			294	300	105	1.19			298	314	115	1.16	

Appendix 15. Biological data by length interval for round whitefish caught by experimental gillnets in Area V, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
190	-	-	-	-	-	-	-	-	-	-	-	-	2	197	75	35	1.00	0
230	-	-	-	-	-	-	1	230	150	-	1.23	100	1	230	150	-	1.23	100
280	-	-	-	-	-	-	1	282	350	-	1.56	100	1	282	350	-	1.56	100
290	1	298	350	-	1.32	100	1	297	300	-	1.15	100	2	298	325	35	1.23	100
300	-	-	-	-	-	-	1	302	400	-	1.45	100	1	302	400	-	1.45	100
310	-	-	-	-	-	-	2	317	700	424	2.18	100	2	317	700	424	2.18	100
320	2	327	500	0	1.43	100	-	-	-	-	-	-	2	327	500	0	1.43	100
330	-	-	-	-	-	-	1	339	550	-	1.41	100	1	339	550	-	1.41	100
340	2	348	700	141	1.67	100	1	341	500	-	1.26	0	3	345	633	153	1.53	67
360	2	366	650	0	1.33	100	1	365	600	-	1.23	100	3	365	633	29	1.30	100
370	1	372	700	-	1.36	100	-	-	-	-	-	-	1	372	700	-	1.36	100
380	2	386	800	71	1.39	100	1	385	750	-	1.31	100	3	385	783	58	1.37	100
390	2	395	900	141	1.47	100	1	396	750	-	1.21	100	3	395	850	132	1.38	100
400	1	400	850	-	1.33	100	2	405	1025	106	1.54	100	3	403	967	126	1.47	100
410	-	-	-	-	-	-	1	415	850	-	1.19	100	1	415	850	-	1.19	100
420	-	-	-	-	-	-	1	422	1050	-	1.40	100	1	422	1050	-	1.40	100
TOTAL	13						15						30					
MEAN		362	692	177	1.43			348	647	300	1.46			344	628	282	1.41	

Appendix 16. Biological data by length interval for lake cisco caught by experimental gillnets, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
120	2	121	75	35	4.23	100	-	-	-	-	-	-	2	121	75	35	4.23	100
150	1	151	50	-	1.45	100	-	-	-	-	-	-	1	151	50	-	1.45	100
160	5	167	50	0	1.07	60	6	166	50	0	1.09	83	12	166	50	0	1.09	67
170	14	175	68	25	1.27	79	18	176	56	16	1.02	89	36	175	60	20	1.11	75
180	25	184	64	27	1.03	80	36	186	58	19	0.91	94	65	185	61	23	0.96	83
190	33	195	71	25	0.96	91	42	194	73	25	0.99	98	79	194	73	25	0.99	90
200	26	204	79	25	0.93	88	30	204	75	29	0.88	77	62	204	77	27	0.90	74
210	12	214	88	38	0.90	92	29	214	100	27	1.02	93	46	214	97	31	0.99	83
220	5	224	90	22	0.80	100	21	225	110	26	0.97	100	27	224	106	25	0.93	96
230	2	233	125	35	1.00	100	9	233	133	25	1.05	100	11	233	132	25	1.04	100
240	1	246	100	-	0.67	100	4	242	150	41	1.05	100	5	243	140	42	0.97	100
250	1	250	100	-	0.64	100	4	256	175	29	1.05	75	6	254	150	45	0.91	67
260	1	262	200	-	1.11	100	6	264	200	0	1.08	100	8	264	188	35	1.02	88
270	6	276	217	26	1.03	67	6	275	183	41	0.88	100	14	275	196	37	0.94	71
280	3	285	217	76	0.94	67	5	283	220	27	0.97	100	8	284	219	46	0.96	88
290	6	294	286	46	1.13	50	4	296	238	48	0.92	100	11	295	265	48	1.04	64
300	4	305	300	0	1.06	75	6	306	317	41	1.11	67	10	305	310	32	1.09	70
310	6	315	342	49	1.10	100	1	310	350	-	1.17	0	7	314	343	45	1.11	86
320	2	322	275	35	0.83	100	6	327	425	52	1.22	83	8	326	388	83	1.12	88
330	6	335	425	27	1.13	100	3	339	433	76	1.12	100	9	336	428	44	1.12	100
340	12	344	500	37	1.22	92	4	344	463	25	1.14	100	17	344	491	36	1.20	88
350	10	356	510	39	1.13	100	9	355	517	43	1.15	100	19	356	513	40	1.14	100
360	14	366	551	50	1.13	100	12	364	567	75	1.17	100	27	365	560	61	1.15	100
370	10	375	620	86	1.17	100	18	374	583	49	1.11	100	28	375	596	65	1.13	100
380	8	383	638	83	1.13	100	9	386	683	90	1.19	100	17	385	662	88	1.16	100
390	5	394	700	94	1.15	100	10	396	710	110	1.14	100	16	395	703	99	1.14	100
400	2	406	650	141	0.97	100	10	404	845	98	1.28	100	12	405	813	125	1.23	100
410	2	416	925	106	1.29	100	6	413	850	100	1.21	100	8	414	869	100	1.23	100
420	-	-	-	-	-	-	4	421	913	125	1.22	100	4	421	913	125	1.22	100
440	-	-	-	-	-	-	3	442	1117	104	1.29	100	3	442	1117	104	1.29	100
450	-	-	-	-	-	-	1	450	800	-	0.88	100	1	450	800	-	0.88	100
590	-	-	-	-	-	-	1	590	1300	-	0.63	100	1	590	1300	-	0.63	100
TOTAL	224						323						580					
MEAN		260	251	233	1.08			263	268	282	1.03			259	254	259	1.05	

Appendix 17. Biological data by length interval for lake cisco caught by experimental gillnets in Area IE, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
160	1	167	50	-	1.07	100	-	-	-	-	-	-	2	164	50	0	1.14	50
170	3	174	67	29	1.28	100	5	176	50	0	0.91	60	10	175	55	16	1.03	60
180	8	186	69	37	1.07	75	15	185	60	21	0.94	100	23	185	63	27	0.99	91
190	7	194	64	24	0.87	86	15	193	60	21	0.83	100	24	193	65	23	0.89	88
200	9	202	72	26	0.89	78	15	204	70	32	0.82	87	29	203	71	28	0.84	69
210	4	214	88	48	0.89	100	15	214	107	26	1.08	100	23	214	102	32	1.04	83
220	3	223	83	29	0.75	100	12	224	108	29	0.96	100	15	224	103	30	0.92	100
230	2	233	125	35	1.00	100	7	232	129	27	1.03	100	9	232	128	26	1.02	100
240	-	-	-	-	-	-	3	240	133	29	0.96	100	3	240	133	29	0.96	100
250	-	-	-	-	-	-	1	257	150	-	0.88	100	2	256	125	35	0.75	50
270	1	279	250	-	1.15	0	3	273	167	29	0.82	100	4	275	188	48	0.90	75
280	1	285	150	-	0.65	100	-	-	-	-	-	-	1	285	150	-	0.65	100
300	-	-	-	-	-	-	1	301	250	-	0.92	100	1	301	250	-	0.92	100
310	2	312	350	0	1.15	100	-	-	-	-	-	-	2	312	350	0	1.15	100
340	3	344	500	50	1.23	100	-	-	-	-	-	-	3	344	500	50	1.23	100
360	1	367	600	-	1.21	100	-	-	-	-	-	-	1	367	600	-	1.21	100
370	1	379	750	-	1.38	100	-	-	-	-	-	-	1	379	750	-	1.38	100
380	-	-	-	-	-	-	1	385	700	-	1.23	100	1	385	700	-	1.23	100
390	-	-	-	-	-	-	2	396	575	106	0.93	100	2	396	575	106	0.93	100
410	1	419	1000	-	1.36	100	-	-	-	-	-	-	1	419	1000	-	1.36	100
TOTAL	47						95						157					
MEAN		228	164	208	1.00			215	106	103	0.93			218	121	142	0.96	

Appendix 18. Biological data by length interval for lake cisco caught by experimental gillnets in Area II, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
120	1	121	50	-	2.82	100	-	-	-	-	-	-	1	121	50	-	2.82	100
160	-	-	-	-	-	-	2	169	50	0	1.04	50	2	169	50	0	1.04	50
170	2	178	50	0	0.89	100	2	174	50	0	0.95	100	6	175	50	0	0.93	67
180	8	183	63	23	1.02	88	9	186	50	0	0.78	100	21	185	57	18	0.90	76
190	9	194	67	25	0.92	89	6	194	75	27	1.03	100	16	194	72	26	0.99	88
200	3	205	67	29	0.78	100	6	205	58	20	0.68	50	9	205	61	22	0.71	67
210	4	215	75	29	0.74	75	3	213	67	29	0.69	33	8	215	75	27	0.75	50
220	-	-	-	-	-	-	3	225	100	0	0.87	100	4	224	100	0	0.89	75
250	-	-	-	-	-	-	1	257	200	-	1.18	100	1	257	200	-	1.18	100
260	-	-	-	-	-	-	-	-	-	-	-	-	1	260	100	-	0.57	0
290	1	292	300	-	1.20	100	-	-	-	-	-	-	2	293	275	35	1.09	50
300	2	304	300	0	1.07	50	1	306	350	-	1.22	100	3	305	317	29	1.12	67
330	1	339	400	-	1.03	100	-	-	-	-	-	-	1	339	400	-	1.03	100
360	1	367	600	-	1.21	100	1	366	550	-	1.12	100	2	367	575	35	1.17	100
390	-	-	-	-	-	-	1	398	600	-	0.95	100	1	398	600	-	0.95	100
TOTAL	32						35						78					
MEAN		212	114	127	1.00			211	104	131	0.87			211	106	121	0.93	

Appendix 19. Biological data by length interval for lake cisco caught by experimental gillnets in Area IV, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
120	1	121	100	-	5.64	100	-	-	-	-	-	-	1	121	100	-	5.64	100
160	3	168	50	0	1.06	33	-	-	-	-	-	-	3	168	50	0	1.06	33
170	6	176	75	27	1.38	50	10	176	55	16	1.01	100	16	176	63	22	1.15	81
180	7	185	57	19	0.91	71	8	187	63	23	0.96	75	15	186	60	21	0.94	73
190	16	195	75	26	1.00	94	18	195	81	25	1.09	94	35	195	77	25	1.04	91
200	13	206	85	24	0.97	92	9	204	94	17	1.11	78	23	205	89	21	1.04	83
210	4	212	100	41	1.05	100	10	214	100	24	1.02	100	14	214	100	28	1.03	100
220	2	225	100	0	0.88	100	5	226	120	27	1.04	100	7	226	114	24	0.99	100
230	-	-	-	-	-	-	1	239	150	-	1.10	100	1	239	150	-	1.10	100
240	1	246	100	-	0.67	100	1	249	200	-	1.30	100	2	248	150	71	0.98	100
250	1	250	100	-	0.64	100	2	254	175	35	1.06	50	3	253	150	50	0.92	67
260	1	262	200	-	1.11	100	5	265	200	0	1.08	100	6	264	200	0	1.09	100
270	5	275	210	22	1.01	80	3	277	200	50	0.94	100	10	275	200	33	0.96	70
280	2	285	250	71	1.08	50	5	283	220	27	0.97	100	7	283	229	39	1.00	86
290	4	294	292	55	1.15	25	4	296	238	48	0.92	100	8	295	265	56	1.03	63
300	2	305	300	0	1.06	100	4	307	325	29	1.13	50	6	306	317	26	1.10	67
310	4	316	338	63	1.07	100	1	310	350	-	1.17	0	5	315	340	55	1.09	80
320	2	322	275	35	0.83	100	6	327	425	52	1.22	83	8	326	388	83	1.12	88
330	5	335	430	27	1.15	100	3	339	433	76	1.12	100	8	336	431	46	1.14	100
340	9	344	500	35	1.22	89	4	344	463	25	1.14	100	14	345	489	35	1.20	86
350	10	356	510	39	1.13	100	9	355	517	43	1.15	100	19	356	513	40	1.14	100
360	12	365	543	49	1.11	100	11	364	568	78	1.18	100	24	365	557	64	1.15	100
370	9	375	606	77	1.15	100	18	374	583	49	1.11	100	27	375	591	59	1.12	100
380	8	383	638	83	1.13	100	8	386	681	96	1.18	100	16	385	659	90	1.16	100
390	5	394	700	94	1.15	100	7	396	764	69	1.23	100	13	395	731	83	1.19	100
400	2	406	650	141	0.97	100	10	404	845	98	1.28	100	12	405	813	125	1.23	100
410	1	412	850	-	1.22	100	6	413	850	100	1.21	100	7	413	850	91	1.21	100
420	-	-	-	-	-	-	4	421	913	125	1.22	100	4	421	913	125	1.22	100
440	-	-	-	-	-	-	3	442	1117	104	1.29	100	3	442	1117	104	1.29	100
450	-	-	-	-	-	-	1	450	800	-	0.88	100	1	450	800	-	0.88	100
590	-	-	-	-	-	-	1	590	1300	-	0.63	100	1	590	1300	-	0.63	100
TOTAL	135						177						319					
MEAN		288	326	238	1.11			304	404	309	1.11			297	369	282	1.11	

Appendix 20. Biological data by length interval for lake cisco caught by experimental gillnets in Area V, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED				
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
150	1	151	50	-	1.45	100	-	-	-	-	-	-	1	151	50	-	1.45	100
160	1	166	50	-	1.09	100	4	165	50	0	1.12	100	5	165	50	0	1.11	100
170	3	173	67	29	1.29	100	1	178	100	-	1.77	100	4	174	75	29	1.41	100
180	2	181	75	35	1.26	100	4	184	63	25	0.99	100	6	183	67	26	1.08	100
190	1	195	100	-	1.35	100	3	197	83	29	1.10	100	4	197	88	25	1.16	100
200	1	204	100	-	1.18	100	-	-	-	-	-	-	1	204	100	-	1.18	100
210	-	-	-	-	-	-	1	216	100	-	0.99	100	1	216	100	-	0.99	100
220	-	-	-	-	-	-	1	220	100	-	0.94	100	1	220	100	-	0.94	100
230	-	-	-	-	-	-	1	233	150	-	1.19	100	1	233	150	-	1.19	100
260	-	-	-	-	-	-	1	263	200	-	1.10	100	1	263	200	-	1.10	100
290	1	295	250	-	0.97	100	-	-	-	-	-	-	1	295	250	-	0.97	100
TOTAL MEAN	10	189	90	61	1.25		16	194	84	44	1.11		26	192	87	50	1.16	

Appendix 21. Biological data by length interval for least cisco caught by experimental gillnets, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED				
	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT	N	LENGTH(MM) MEAN	WEIGHT(G) MEAN	SD	K	% MAT
140	-	-	-	-	-	-	1	145	50	-	1.64	100	1	145	50	-	1.64	100
150	1	155	50	-	1.34	100	1	156	50	-	1.32	100	3	154	50	0	1.36	67
160	-	-	-	-	-	-	2	164	50	0	1.14	100	3	163	50	0	1.16	67
170	3	174	67	29	1.28	67	4	172	50	0	0.99	100	8	172	56	18	1.10	75
180	4	185	75	29	1.18	75	7	184	64	24	1.02	100	11	185	68	25	1.08	91
190	3	195	83	29	1.12	100	7	192	63	26	0.89	86	11	193	72	27	1.00	82
200	6	206	67	26	0.76	83	7	204	79	27	0.94	86	15	205	73	26	0.86	73
210	3	217	100	0	0.98	67	3	215	67	29	0.67	100	7	216	86	24	0.86	71
220	3	222	100	0	0.91	100	5	222	100	35	0.91	100	8	222	100	27	0.91	100
230	3	234	117	29	0.91	67	4	235	113	25	0.88	75	7	235	114	24	0.89	71
240	6	245	108	20	0.74	100	4	245	113	25	0.76	100	12	245	117	33	0.79	83
250	3	258	133	29	0.78	100	8	255	138	35	0.83	88	11	256	137	32	0.82	91
260	6	265	150	32	0.80	100	10	265	145	50	0.78	100	16	265	147	43	0.79	100
270	13	274	188	30	0.91	100	5	277	150	0	0.71	100	18	275	178	31	0.85	100
280	4	285	200	0	0.87	100	18	284	197	27	0.86	94	22	284	198	24	0.86	95
290	5	295	190	42	0.74	100	10	296	210	32	0.81	100	15	296	203	35	0.78	100
300	1	305	250	-	0.88	100	2	304	200	0	0.72	100	3	304	217	29	0.77	100
310	-	-	-	-	-	-	1	310	250	-	0.84	100	1	310	250	-	0.84	100
TOTAL MEAN	64	243	134	57	0.90		99	244	132	64	0.87		172	241	130	61	0.89	

Appendix 22. Biological data by length interval for least cisco caught by experimental gillnets in Area IE, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
160	-	-	-	-	-	-	1	165	50	-	1.11	100	1	165	50	-	1.11	100
170	-	-	-	-	-	-	1	172	50	-	0.98	100	2	171	50	0	1.00	50
180	2	186	75	35	1.16	50	5	184	60	22	0.96	100	7	185	64	24	1.01	86
190	1	196	50	-	0.66	100	4	193	60	27	0.82	100	6	194	65	27	0.89	83
200	5	206	60	22	0.69	80	4	204	75	29	0.90	100	10	205	65	24	0.76	80
210	1	213	100	-	1.03	100	2	216	50	0	0.50	100	4	214	75	29	0.77	75
220	3	222	100	0	0.91	100	4	222	100	41	0.92	100	7	222	100	29	0.91	100
230	1	233	100	-	0.79	100	1	237	100	-	0.75	100	2	235	100	0	0.77	100
240	6	245	108	20	0.74	100	3	244	100	0	0.69	100	9	245	106	17	0.72	100
250	1	255	150	-	0.90	100	5	254	141	41	0.86	80	6	255	143	37	0.86	83
260	3	264	133	29	0.72	100	8	265	144	56	0.78	100	11	264	141	49	0.76	100
270	3	273	167	29	0.82	100	1	274	150	-	0.73	100	4	274	163	25	0.79	100
280	1	284	200	-	0.87	100	3	282	183	29	0.82	100	4	282	188	25	0.83	100
290	1	299	250	-	0.94	100	2	292	175	35	0.70	100	3	294	200	50	0.78	100
TOTAL	28						44						76					
MEAN		237	113	50	0.81			232	108	54	0.83			232	108	52	0.83	

Appendix 23. Biological data by length interval for least cisco caught by experimental gillnets in Area II, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
150	-	-	-	-	-	-	1	156	50	-	1.32	100	1	156	50	-	1.32	100
180	-	-	-	-	-	-	1	186	50	-	0.78	100	1	186	50	-	0.78	100
200	-	-	-	-	-	-	1	201	100	-	1.23	0	1	201	100	-	1.23	0
280	-	-	-	-	-	-	1	286	200	-	0.85	100	1	286	200	-	0.85	100
TOTAL	0						4						4					
MEAN		-	-	-	-			207	100	71	1.05			207	100	71	1.05	

Appendix 24. Biological data by length interval for least cisco caught by experimental gillnets in Area IV, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
150	1	155	50	-	1.34	100	-	-	-	-	-	-	1	155	50	-	1.34	100
170	1	179	50	-	0.87	0	2	171	50	0	1.00	100	3	174	50	0	0.96	67
180	1	187	50	-	0.76	100	-	-	-	-	-	-	1	187	50	-	0.76	100
190	2	195	100	0	1.35	100	3	190	67	29	0.97	67	5	192	80	27	1.12	80
200	1	208	100	-	1.11	100	2	206	75	35	0.85	100	3	207	83	29	0.94	100
210	2	219	100	0	0.95	50	1	214	100	-	1.02	100	3	217	100	0	0.97	67
220	-	-	-	-	-	-	1	223	100	-	0.90	100	1	223	100	-	0.90	100
230	2	235	125	35	0.97	50	-	-	-	-	-	-	2	235	125	35	0.97	50
240	-	-	-	-	-	-	1	249	150	-	0.97	100	2	248	125	35	0.82	50
250	2	259	125	35	0.72	100	3	257	133	29	0.79	100	5	258	130	27	0.76	100
260	3	266	167	29	0.89	100	2	267	150	0	0.79	100	5	266	160	22	0.85	100
270	10	275	195	28	0.94	100	4	277	150	0	0.70	100	14	276	182	32	0.87	100
280	3	285	200	0	0.87	100	12	285	200	30	0.87	92	15	285	200	27	0.87	93
290	4	294	175	29	0.69	100	8	297	219	26	0.83	100	12	296	204	33	0.79	100
300	1	305	250	-	0.88	100	2	304	200	0	0.72	100	3	304	217	29	0.77	100
310	-	-	-	-	-	-	1	310	250	-	0.84	100	1	310	250	-	0.84	100
TOTAL	33						42						76					
MEAN		255	156	56	0.92			265	164	61	0.85			261	160	58	0.88	

Appendix 25. Biological data by length interval for least cisco caught by experimental gillnets in Area V, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES N	MALES LENGTH(MM) MEAN	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
140	-	-	-	-	-	-	1	145	50	-	1.64	100	1	145	50	-	1.64	100
150	-	-	-	-	-	-	-	-	-	-	-	-	1	152	50	-	1.42	0
160	-	-	-	-	-	-	1	162	50	-	1.18	100	2	162	50	0	1.18	50
170	2	172	75	35	1.48	100	1	172	50	-	0.98	100	3	172	67	29	1.32	100
180	1	183	100	-	1.63	100	1	184	100	-	1.61	100	2	184	100	0	1.62	100
200	-	-	-	-	-	-	-	-	-	-	-	-	1	206	100	-	1.14	0
230	-	-	-	-	-	-	3	234	117	29	0.92	67	3	234	117	29	0.92	67
240	-	-	-	-	-	-	-	-	-	-	-	-	1	246	200	-	1.34	0
280	-	-	-	-	-	-	2	284	200	0	0.88	100	2	284	200	0	0.88	100
TOTAL	3						9						16					
MEAN		175	83	29	1.53			215	111	60	1.10			202	103	56	1.22	

Appendix 26. Biological data by length interval for burbot caught by experimental gillnets, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
200	-	-	-	-	-	-	1	200	50	-	0.63	0	2	202	50	0	0.61	0
220	-	-	-	-	-	-	-	-	-	-	-	-	1	229	150	-	1.25	0
230	-	-	-	-	-	-	-	-	-	-	-	-	2	236	75	35	0.57	0
240	2	247	100	0	0.67	0	-	-	-	-	-	-	2	247	100	0	0.67	0
250	-	-	-	-	-	-	-	-	-	-	-	-	1	257	100	-	0.59	0
260	-	-	-	-	-	-	1	260	350	-	1.99	100	1	260	350	-	1.99	100
270	1	271	150	-	0.75	0	-	-	-	-	-	-	1	271	150	-	0.75	0
290	1	297	200	-	0.76	0	-	-	-	-	-	-	1	297	200	-	0.76	0
300	1	306	400	-	1.40	0	1	309	200	-	0.68	100	3	307	283	104	0.99	50
310	2	316	325	177	1.03	0	3	315	267	29	0.85	0	5	316	290	96	0.92	0
320	3	323	250	50	0.74	33	1	326	250	-	0.72	0	7	323	250	41	0.74	14
330	1	337	300	-	0.78	100	3	332	383	236	1.03	33	10	333	315	125	0.85	20
340	2	344	325	35	0.80	0	5	345	310	42	0.76	20	8	345	319	37	0.78	13
350	9	355	389	160	0.87	33	5	355	340	65	0.76	20	19	355	358	118	0.80	24
360	11	364	391	132	0.81	55	6	364	375	76	0.78	50	18	364	383	110	0.80	50
370	6	374	400	152	0.77	33	1	375	400	-	0.76	0	9	374	400	120	0.76	22
380	2	387	425	35	0.73	100	-	-	-	-	-	-	5	383	410	42	0.73	40
390	3	394	600	265	0.98	67	1	396	1050	-	1.69	100	7	393	571	288	0.94	50
400	5	403	540	210	0.82	40	-	-	-	-	-	-	6	404	508	204	0.77	33
410	-	-	-	-	-	-	2	413	725	601	1.02	50	2	413	725	601	1.02	50
420	1	426	500	-	0.65	0	3	427	817	284	1.04	100	4	427	738	281	0.94	75
430	2	434	525	247	0.64	50	2	433	575	35	0.71	100	4	433	550	147	0.68	75
440	5	445	640	82	0.72	40	1	440	650	-	0.76	100	6	445	642	74	0.73	50
450	1	455	650	-	0.69	0	-	-	-	-	-	-	2	454	700	71	0.75	0
460	3	465	633	126	0.63	100	7	465	707	98	0.70	57	10	465	685	106	0.68	70
470	9	474	672	118	0.63	78	4	476	663	25	0.62	100	13	475	669	97	0.63	85
480	10	482	760	70	0.68	60	7	486	736	69	0.64	71	17	483	750	68	0.66	65
490	9	494	761	185	0.63	78	15	495	803	64	0.66	80	26	495	785	118	0.65	73
500	16	503	841	74	0.66	94	17	503	803	62	0.63	88	33	503	821	70	0.64	91
510	17	513	835	177	0.62	88	9	516	839	86	0.61	78	26	514	837	150	0.62	85
520	17	524	894	95	0.62	88	7	526	907	79	0.62	71	25	525	898	87	0.62	80
530	9	534	939	93	0.62	89	6	536	917	467	0.59	100	16	535	928	278	0.61	88
540	4	542	963	48	0.61	100	4	543	1013	48	0.63	100	8	542	988	52	0.62	100
550	4	554	1000	71	0.59	100	5	555	970	45	0.57	100	9	554	983	56	0.58	100
560	5	563	1130	202	0.63	80	4	563	988	63	0.55	100	9	563	1067	166	0.60	89
570	3	572	1083	202	0.58	100	4	576	1275	87	0.67	100	7	574	1193	167	0.63	100
580	2	584	1475	177	0.74	100	2	585	1375	35	0.69	100	4	584	1425	119	0.71	100
590	3	594	1267	252	0.61	100	5	592	990	375	0.48	100	8	593	1094	345	0.53	100
600	2	608	1650	71	0.73	100	1	603	1500	-	0.68	100	3	606	1600	100	0.72	100
610	8	614	1519	122	0.66	100	9	613	1450	214	0.63	100	17	614	1482	175	0.64	100
620	4	624	1600	178	0.66	100	2	626	1825	742	0.74	100	6	624	1675	378	0.69	100
630	8	636	1700	173	0.66	100	5	635	1630	214	0.64	100	13	635	1673	184	0.65	100
640	1	648	1950	-	0.72	100	4	643	1688	85	0.63	100	5	644	1740	139	0.65	100
650	2	654	1800	0	0.64	100	1	652	1250	-	0.45	100	3	653	1617	318	0.58	100
660	5	664	2000	453	0.68	100	3	665	1850	132	0.63	100	9	664	1906	354	0.65	89
670	3	675	2117	76	0.69	100	3	675	1717	29	0.56	100	6	675	1917	225	0.62	100
680	1	683	1250	-	0.39	100	1	688	1400	-	0.43	100	2	686	1325	106	0.41	100
690	1	695	1950	-	0.58	100	1	693	1650	-	0.50	100	2	694	1800	212	0.54	100
700	1	700	2050	-	0.60	100	1	707	2300	-	0.65	100	2	704	2175	177	0.62	100
710	2	714	2300	354	0.63	100	1	712	2000	-	0.55	100	3	713	2200	304	0.61	100
730	1	730	2050	-	0.53	100	-	-	-	-	-	-	1	730	2050	-	0.53	100
740	-	-	-	-	-	-	2	740	2300	212	0.57	100	2	740	2300	212	0.57	100
760	-	-	-	-	-	-	1	760	1550	-	0.35	100	1	760	1550	-	0.35	100
810	-	-	-	-	-	-	1	812	3450	-	0.64	100	1	812	3450	-	0.64	100
TOTAL	208						168						413					
MEAN		500	917	508	0.69			513	958	517	0.68			493	887	519	0.68	

Appendix 27. Biological data by length interval for burbot caught by experimental gillnets in Area IE, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
300	-	-	-	-	-	-	-	-	-	-	-	-	1	305	250	-	0.88	-
310	-	-	-	-	-	-	1	310	250	-	0.84	0	1	310	250	-	0.84	0
320	1	326	300	-	0.87	100	-	-	-	-	-	-	2	323	300	0	0.89	50
330	1	337	300	-	0.78	100	2	330	250	71	0.70	0	6	332	283	52	0.77	17
340	1	345	350	-	0.85	0	2	343	325	35	0.81	50	4	345	338	25	0.83	25
350	-	-	-	-	-	-	-	-	-	-	-	-	3	356	317	76	0.70	0
360	2	366	600	212	1.23	50	1	366	300	-	0.61	0	3	366	500	229	1.02	33
390	2	393	450	71	0.75	50	-	-	-	-	-	-	4	392	425	96	0.71	33
400	1	400	550	-	0.86	0	-	-	-	-	-	-	1	400	550	-	0.86	0
420	-	-	-	-	-	-	1	429	900	-	1.14	100	1	429	900	-	1.14	100
430	2	434	525	247	0.64	50	-	-	-	-	-	-	2	434	525	247	0.64	50
440	2	446	575	35	0.65	100	1	440	650	-	0.76	100	3	444	600	50	0.69	100
450	1	455	650	-	0.69	0	-	-	-	-	-	-	2	454	700	71	0.75	0
460	1	463	500	-	0.50	100	-	-	-	-	-	-	1	463	500	-	0.50	100
470	1	475	600	-	0.56	100	-	-	-	-	-	-	1	475	600	-	0.56	100
480	4	482	788	85	0.71	50	-	-	-	-	-	-	4	482	788	85	0.71	50
490	1	496	900	-	0.74	100	2	493	850	141	0.71	100	3	494	867	104	0.72	100
500	5	502	840	108	0.66	80	6	503	825	76	0.65	100	11	503	832	87	0.65	91
510	9	514	783	202	0.58	100	2	517	850	212	0.61	50	11	514	795	194	0.59	91
520	3	528	917	29	0.62	100	1	523	800	-	0.56	0	5	526	890	55	0.61	60
530	4	532	938	85	0.62	100	-	-	-	-	-	-	5	533	930	76	0.61	80
540	2	540	975	35	0.62	100	-	-	-	-	-	-	2	540	975	35	0.62	100
550	1	552	950	-	0.56	100	-	-	-	-	-	-	1	552	950	-	0.56	100
560	1	564	1200	-	0.67	100	-	-	-	-	-	-	1	564	1200	-	0.67	100
570	2	572	1100	283	0.59	100	1	570	1250	-	0.67	100	3	571	1150	218	0.62	100
580	2	584	1475	177	0.74	100	-	-	-	-	-	-	2	584	1475	177	0.74	100
590	1	595	1500	-	0.71	100	2	590	1275	177	0.62	100	3	592	1350	180	0.65	100
600	1	608	1600	-	0.71	100	-	-	-	-	-	-	1	608	1600	-	0.71	100
610	4	613	1550	163	0.67	100	4	614	1575	202	0.68	100	8	613	1563	171	0.68	100
620	1	622	1600	-	0.66	100	1	627	2350	-	0.95	100	2	625	1975	530	0.81	100
630	1	634	1850	-	0.73	100	1	630	1550	-	0.62	100	2	632	1700	212	0.67	100
640	1	648	1950	-	0.72	100	2	645	1750	71	0.65	100	3	646	1817	126	0.67	100
650	1	658	1800	-	0.63	100	-	-	-	-	-	-	1	658	1800	-	0.63	100
660	2	665	2350	354	0.80	100	-	-	-	-	-	-	3	664	2100	500	0.72	67
670	1	676	2100	-	0.68	100	1	672	1700	-	0.56	100	2	674	1900	283	0.62	100
690	1	695	1950	-	0.58	100	-	-	-	-	-	-	1	695	1950	-	0.58	100
710	2	714	2300	354	0.63	100	-	-	-	-	-	-	2	714	2300	354	0.63	100
740	-	-	-	-	-	-	1	740	2450	-	0.60	100	1	740	2450	-	0.60	100
810	-	-	-	-	-	-	1	812	3450	-	0.64	100	1	812	3450	-	0.64	100
TOTAL	65						33						113					
MEAN		526	1053	553	0.68			528	1136	719	0.69			510	1006	616	0.69	

Appendix 28. Biological data by length interval for burbot caught by experimental gillnets in Area II, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
200	-	-	-	-	-	-	-	-	-	-	-	-	1	203	50	-	0.60	0
230	-	-	-	-	-	-	-	-	-	-	-	-	1	235	50	-	0.39	0
260	-	-	-	-	-	-	1	260	350	-	1.99	100	1	260	350	-	1.99	100
300	1	306	400	-	1.40	0	-	-	-	-	-	-	1	306	400	-	1.40	0
310	1	317	200	-	0.63	0	-	-	-	-	-	-	1	317	200	-	0.63	0
320	-	-	-	-	-	-	1	326	250	-	0.72	0	1	326	250	-	0.72	0
330	-	-	-	-	-	-	1	337	650	-	1.70	100	2	335	450	283	1.19	50
340	1	343	300	-	0.74	0	1	349	250	-	0.59	0	2	346	275	35	0.67	0
350	3	355	333	29	0.75	33	2	354	300	0	0.68	0	5	354	320	27	0.72	20
360	4	363	338	75	0.70	50	1	361	300	-	0.64	0	5	363	330	67	0.69	40
370	1	376	350	-	0.66	0	-	-	-	-	-	-	3	375	383	29	0.73	0
380	-	-	-	-	-	-	-	-	-	-	-	-	1	380	350	-	0.64	0
400	-	-	-	-	-	-	-	-	-	-	-	-	1	404	350	-	0.53	0
460	-	-	-	-	-	-	2	467	775	35	0.76	50	2	467	775	35	0.76	50
470	2	475	775	106	0.73	100	-	-	-	-	-	-	2	475	775	106	0.73	100
480	1	480	700	-	0.63	0	1	484	850	-	0.75	0	2	482	775	106	0.69	0
490	2	495	550	354	0.46	100	4	497	800	41	0.65	100	6	496	717	207	0.59	100
500	1	503	900	-	0.71	100	3	501	817	29	0.65	100	4	502	838	48	0.66	100
510	6	513	925	144	0.69	67	2	516	850	0	0.62	50	8	514	906	127	0.67	63
520	4	521	838	85	0.59	100	4	526	900	41	0.62	75	8	524	869	70	0.61	88
530	2	539	975	177	0.62	50	2	535	1150	495	0.75	100	4	537	1063	320	0.68	75
550	1	552	1000	-	0.59	100	1	550	1000	-	0.60	100	2	551	1000	0	0.60	100
560	-	-	-	-	-	-	1	565	1050	-	0.58	100	1	565	1050	-	0.58	100
610	-	-	-	-	-	-	2	610	1225	177	0.54	100	2	610	1225	177	0.54	100
620	-	-	-	-	-	-	1	624	1300	-	0.54	100	1	624	1300	-	0.54	100
TOTAL	30						30						67					
MEAN		452	657	295	0.68			480	795	315	0.73			452	678	330	0.70	

Appendix 29. Biological data by length interval for burbot caught by experimental gillnets in Area IV, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
200	-	-	-	-	-	-	1	200	50	-	0.63	0	1	200	50	-	0.63	0
220	-	-	-	-	-	-	-	-	-	-	-	-	1	229	150	-	1.25	0
230	-	-	-	-	-	-	-	-	-	-	-	-	1	236	100	-	0.76	0
290	1	297	200	-	0.76	0	-	-	-	-	-	-	1	297	200	-	0.76	0
300	-	-	-	-	-	-	1	309	200	-	0.68	100	1	309	200	-	0.68	100
310	-	-	-	-	-	-	2	318	275	35	0.86	0	2	318	275	35	0.86	0
320	2	321	225	35	0.68	0	-	-	-	-	-	-	4	323	225	29	0.67	0
330	-	-	-	-	-	-	-	-	-	-	-	-	2	334	275	35	0.74	0
340	-	-	-	-	-	-	2	345	325	35	0.79	0	2	345	325	35	0.79	0
350	4	356	475	222	1.06	50	3	357	367	76	0.81	33	9	355	406	157	0.91	38
360	5	364	350	35	0.73	60	2	365	400	0	0.82	100	7	364	364	38	0.75	71
370	2	373	550	212	1.07	50	1	375	400	-	0.76	0	3	374	500	173	0.96	33
380	2	387	425	35	0.73	100	-	-	-	-	-	-	4	384	425	29	0.75	50
390	1	396	900	-	1.45	100	1	396	1050	-	1.69	100	2	396	975	106	1.57	100
400	2	406	650	354	0.97	100	-	-	-	-	-	-	2	406	650	354	0.97	100
410	-	-	-	-	-	-	1	416	1150	-	1.60	100	1	416	1150	-	1.60	100
420	1	426	500	-	0.65	0	1	428	1050	-	1.34	100	2	427	775	389	0.99	50
430	-	-	-	-	-	-	2	433	575	35	0.71	100	2	433	575	35	0.71	100
440	2	447	725	35	0.81	0	-	-	-	-	-	-	2	447	725	35	0.81	0
460	2	466	700	71	0.69	100	5	464	680	104	0.68	60	7	465	686	90	0.68	71
470	5	474	690	74	0.65	80	2	476	650	0	0.60	100	7	474	679	64	0.64	86
480	3	481	750	87	0.67	67	6	486	717	52	0.62	83	9	484	728	62	0.64	78
490	4	496	775	29	0.63	75	8	494	806	50	0.67	63	14	495	789	49	0.65	57
500	9	504	850	35	0.66	100	7	504	793	53	0.62	71	16	504	825	52	0.65	88
510	2	512	800	0	0.60	100	4	515	850	41	0.62	100	6	514	833	41	0.61	100
520	7	524	900	100	0.62	86	2	526	975	106	0.67	100	9	525	917	100	0.63	89
530	3	533	917	76	0.61	100	4	537	800	476	0.52	100	7	535	850	345	0.55	100
540	1	540	1000	-	0.64	100	4	543	1013	48	0.63	100	5	542	1010	42	0.63	100
550	2	555	1025	106	0.60	100	3	557	983	29	0.57	100	5	556	1000	61	0.58	100
560	4	563	1113	229	0.63	75	2	564	950	71	0.53	100	6	563	1058	199	0.59	83
570	-	-	-	-	-	-	2	577	1225	35	0.64	100	2	577	1225	35	0.64	100
580	-	-	-	-	-	-	2	585	1375	35	0.69	100	2	585	1375	35	0.69	100
590	1	595	1000	-	0.47	100	2	593	750	495	0.36	100	3	593	833	379	0.40	100
610	1	617	1550	-	0.66	100	1	615	1300	-	0.56	100	2	616	1425	177	0.61	100
620	1	627	1500	-	0.61	100	-	-	-	-	-	-	1	627	1500	-	0.61	100
630	-	-	-	-	-	-	2	636	1500	283	0.58	100	2	636	1500	283	0.58	100
640	-	-	-	-	-	-	1	640	1600	-	0.61	100	1	640	1600	-	0.61	100
650	-	-	-	-	-	-	1	652	1250	-	0.45	100	1	652	1250	-	0.45	100
660	2	665	1550	71	0.53	100	1	662	1900	-	0.65	100	3	664	1667	208	0.57	100
670	2	675	2125	106	0.69	100	-	-	-	-	-	-	2	675	2125	106	0.69	100
690	-	-	-	-	-	-	1	693	1650	-	0.50	100	1	693	1650	-	0.50	100
710	-	-	-	-	-	-	1	712	2000	-	0.55	100	1	712	2000	-	0.55	100
TOTAL	71						78						161					
MEAN		482	814	380	0.71			497	846	383	0.67			479	795	391	0.70	

Appendix 30. Biological data by length interval for burbot caught by experimental gillnets in Area V, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
240	2	247	100	0	0.67	0	-	-	-	-	-	-	2	247	100	0	0.67	0
250	-	-	-	-	-	-	-	-	-	-	-	-	1	257	100	-	0.59	0
270	1	271	150	-	0.75	0	-	-	-	-	-	-	1	271	150	-	0.75	0
310	1	315	450	-	1.44	0	-	-	-	-	-	-	1	315	450	-	1.44	0
350	2	355	300	0	0.67	0	-	-	-	-	-	-	2	355	300	0	0.67	0
360	-	-	-	-	-	-	2	363	425	106	0.90	50	3	363	400	87	0.84	33
370	3	375	317	29	0.60	33	-	-	-	-	-	-	3	375	317	29	0.60	33
390	-	-	-	-	-	-	-	-	-	-	-	-	1	391	350	-	0.59	0
400	2	403	425	35	0.65	0	-	-	-	-	-	-	2	403	425	35	0.65	0
410	-	-	-	-	-	-	1	410	300	-	0.44	0	1	410	300	-	0.44	0
420	-	-	-	-	-	-	1	425	500	-	0.65	100	1	425	500	-	0.65	100
440	1	442	600	-	0.69	0	-	-	-	-	-	-	1	442	600	-	0.69	0
470	1	476	450	-	0.42	0	2	476	675	35	0.63	100	3	475	600	132	0.56	67
480	2	484	750	0	0.66	100	-	-	-	-	-	-	2	484	750	0	0.66	100
490	2	490	875	106	0.74	50	1	498	700	-	0.57	100	3	493	817	126	0.68	67
500	1	505	700	-	0.54	100	1	503	700	-	0.55	100	2	504	700	0	0.55	100
510	-	-	-	-	-	-	1	514	750	-	0.55	100	1	514	750	-	0.55	100
520	3	525	933	144	0.64	67	-	-	-	-	-	-	3	525	933	144	0.64	67
540	1	546	900	-	0.55	100	-	-	-	-	-	-	1	546	900	-	0.55	100
550	-	-	-	-	-	-	1	555	900	-	0.53	100	1	555	900	-	0.53	100
560	-	-	-	-	-	-	1	560	1000	-	0.57	100	1	560	1000	-	0.57	100
570	1	571	1050	-	0.56	100	1	579	1400	-	0.72	100	2	575	1225	247	0.64	100
590	1	591	1300	-	0.63	100	1	596	900	-	0.43	100	2	594	1100	283	0.53	100
600	1	608	1700	-	0.76	100	1	603	1500	-	0.68	100	2	606	1600	141	0.72	100
610	3	615	1467	76	0.63	100	2	614	1500	141	0.65	100	5	614	1480	91	0.64	100
620	2	623	1650	283	0.68	100	-	-	-	-	-	-	2	623	1650	283	0.68	100
630	7	636	1679	175	0.65	100	2	638	1800	71	0.69	100	9	636	1706	163	0.66	100
640	-	-	-	-	-	-	1	643	1650	-	0.62	100	1	643	1650	-	0.62	100
650	1	650	1800	-	0.66	100	-	-	-	-	-	-	1	650	1800	-	0.66	100
660	1	664	2200	-	0.75	100	2	666	1825	177	0.62	100	3	665	1950	250	0.66	100
670	-	-	-	-	-	-	2	677	1725	35	0.56	100	2	677	1725	35	0.56	100
680	1	683	1250	-	0.39	100	1	688	1400	-	0.43	100	2	686	1325	106	0.41	100
700	1	700	2050	-	0.60	100	1	707	2300	-	0.65	100	2	704	2175	177	0.62	100
730	1	730	2050	-	0.53	100	-	-	-	-	-	-	1	730	2050	-	0.53	100
740	-	-	-	-	-	-	1	740	2150	-	0.53	100	1	740	2150	-	0.53	100
760	-	-	-	-	-	-	1	760	1550	-	0.35	100	1	760	1550	-	0.35	100
TOTAL	42						27						72					
MEAN		523	1065	629	0.66			579	1244	583	0.61			536	1099	626	0.64	

Appendix 31. Biological data by length interval for longnose sucker caught by experimental gillnets, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
150	-	-	-	-	-	-	-	-	-	-	-	-	1	155	50	-	1.34	0
160	-	-	-	-	-	-	-	-	-	-	-	-	2	163	50	0	1.15	0
170	-	-	-	-	-	-	-	-	-	-	-	-	2	173	75	35	1.43	0
190	-	-	-	-	-	-	-	-	-	-	-	-	1	190	50	-	0.73	0
200	1	200	100	-	1.25	0	-	-	-	-	-	-	2	203	100	0	1.21	0
230	1	233	200	-	1.58	0	-	-	-	-	-	-	1	233	200	-	1.58	0
240	-	-	-	-	-	-	-	-	-	-	-	-	1	240	200	-	1.45	0
270	-	-	-	-	-	-	-	-	-	-	-	-	1	275	250	-	1.20	0
280	-	-	-	-	-	-	-	-	-	-	-	-	1	285	300	-	1.30	0
290	1	292	350	-	1.41	100	1	298	300	-	1.13	0	2	295	325	35	1.27	50
300	1	301	350	-	1.28	100	-	-	-	-	-	-	1	301	350	-	1.28	100
310	-	-	-	-	-	-	-	-	-	-	-	-	1	310	300	-	1.01	0
320	1	329	500	-	1.40	100	-	-	-	-	-	-	1	329	500	-	1.40	100
330	1	339	500	-	1.28	100	-	-	-	-	-	-	1	339	500	-	1.28	100
350	4	355	625	65	1.40	75	1	359	650	-	1.40	100	6	357	625	52	1.38	67
360	1	360	600	-	1.29	0	1	363	650	-	1.36	0	6	363	667	68	1.39	0
370	-	-	-	-	-	-	-	-	-	-	-	-	1	372	550	-	1.07	0
380	2	383	750	0	1.34	100	-	-	-	-	-	-	3	384	783	58	1.39	67
390	2	397	925	35	1.48	50	1	399	900	-	1.42	100	3	398	917	29	1.46	67
400	1	405	800	-	1.20	100	-	-	-	-	-	-	1	405	800	-	1.20	100
410	1	418	1100	-	1.51	100	2	416	1025	106	1.43	50	4	416	963	189	1.34	50
420	1	424	900	-	1.18	100	-	-	-	-	-	-	1	424	900	-	1.18	100
430	4	434	1038	48	1.27	100	-	-	-	-	-	-	4	434	1038	48	1.27	100
440	4	447	1225	189	1.37	100	1	447	1000	-	1.12	100	5	447	1180	192	1.32	100
450	1	459	1450	-	1.50	100	-	-	-	-	-	-	1	459	1450	-	1.50	100
460	1	461	1250	-	1.28	100	3	466	1283	58	1.27	100	4	465	1275	50	1.27	100
470	2	473	1275	35	1.21	100	1	477	1150	-	1.06	100	3	474	1233	76	1.16	100
480	1	483	1550	-	1.38	100	5	486	1530	45	1.33	100	6	486	1533	41	1.34	100
490	-	-	-	-	-	-	1	490	1550	-	1.32	100	1	490	1550	-	1.32	100
500	1	508	1600	-	1.22	100	-	-	-	-	-	-	1	508	1600	-	1.22	100
510	-	-	-	-	-	-	1	514	1800	-	1.33	100	1	514	1800	-	1.33	100
530	-	-	-	-	-	-	1	530	2050	-	1.38	100	1	530	2050	-	1.38	100
TOTAL	32						19						70					
MEAN		396	897	393	1.34			449	1242	433	1.31			379	846	499	1.31	

Appendix 32. Biological data by length interval for longnose sucker caught by experimental gillnets in Area IE, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
230	1	233	200	-	1.58	0	-	-	-	-	-	-	1	233	200	-	1.58	0
240	-	-	-	-	-	-	-	-	-	-	-	-	1	240	200	-	1.45	0
280	-	-	-	-	-	-	-	-	-	-	-	-	1	285	300	-	1.30	0
300	1	301	350	-	1.28	100	-	-	-	-	-	-	1	301	350	-	1.28	100
350	1	359	650	-	1.40	100	1	359	650	-	1.40	100	2	359	650	0	1.40	100
430	1	436	1100	-	1.33	100	-	-	-	-	-	-	1	436	1100	-	1.33	100
440	-	-	-	-	-	-	1	447	1000	-	1.12	100	1	447	1000	-	1.12	100
460	-	-	-	-	-	-	2	465	1250	0	1.25	100	2	465	1250	0	1.25	100
470	-	-	-	-	-	-	1	477	1150	-	1.06	100	1	477	1150	-	1.06	100
TOTAL	4						5						11					
MEAN		332	575	397	1.40			442	1060	251	1.22			370	736	428	1.31	

Appendix 33. Biological data by length interval for longnose sucker caught by experimental gillnets in Area II, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
150	-	-	-	-	-	-	-	-	-	-	-	-	1	155	50	-	1.34	0
170	-	-	-	-	-	-	-	-	-	-	-	-	1	175	100	-	1.87	0
200	1	200	100	-	1.25	0	-	-	-	-	-	-	1	200	100	-	1.25	0
270	-	-	-	-	-	-	-	-	-	-	-	-	1	275	250	-	1.20	0
290	1	292	350	-	1.41	100	-	-	-	-	-	-	1	292	350	-	1.41	100
320	1	329	500	-	1.40	100	-	-	-	-	-	-	1	329	500	-	1.40	100
330	1	339	500	-	1.28	100	-	-	-	-	-	-	1	339	500	-	1.28	100
350	2	354	625	106	1.41	100	-	-	-	-	-	-	2	354	625	106	1.41	100
360	-	-	-	-	-	-	-	-	-	-	-	-	2	366	750	0	1.54	0
380	-	-	-	-	-	-	-	-	-	-	-	-	1	385	650	-	1.49	0
440	1	444	1200	-	1.37	100	-	-	-	-	-	-	1	444	1200	-	1.37	100
470	1	472	1300	-	1.24	100	-	-	-	-	-	-	1	472	1300	-	1.24	100
480	1	483	1550	-	1.38	100	-	-	-	-	-	-	1	483	1550	-	1.38	100
TOTAL	9						0						15					
MEAN		363	750	487	1.35			-	-	-	-			333	633	452	1.41	

Appendix 34. Biological data by length interval for longnose sucker caught by experimental gillnets in Area V, Great Slave Lake, 1977.

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
160	-	-	-	-	-	-	-	-	-	-	-	-	2	163	50	0	1.15	0
170	-	-	-	-	-	-	-	-	-	-	-	-	1	171	50	-	1.00	0
190	-	-	-	-	-	-	-	-	-	-	-	-	1	190	50	-	0.73	0
200	-	-	-	-	-	-	-	-	-	-	-	-	1	205	100	-	1.16	0
290	-	-	-	-	-	-	1	298	300	-	1.13	0	1	298	300	-	1.13	0
310	-	-	-	-	-	-	-	-	-	-	-	-	1	310	300	-	1.01	0
350	1	354	600	-	1.35	0	-	-	-	-	-	-	2	357	600	0	1.32	0
360	1	360	600	-	1.29	0	1	363	650	-	1.36	0	4	362	625	29	1.31	0
370	-	-	-	-	-	-	-	-	-	-	-	-	1	372	550	-	1.07	0
380	2	383	750	0	1.34	100	-	-	-	-	-	-	2	383	750	0	1.34	100
390	2	397	925	35	1.48	50	1	399	900	-	1.42	100	3	398	917	29	1.46	67
400	1	405	800	-	1.20	100	-	-	-	-	-	-	1	405	800	-	1.20	100
410	1	418	1100	-	1.51	100	2	416	1025	106	1.43	50	4	416	963	189	1.34	50
420	1	424	900	-	1.18	100	-	-	-	-	-	-	1	424	900	-	1.18	100
430	3	433	1017	29	1.25	100	-	-	-	-	-	-	3	433	1017	29	1.25	100
440	3	447	1233	231	1.38	100	-	-	-	-	-	-	3	447	1233	231	1.38	100
450	1	459	1450	-	1.50	100	-	-	-	-	-	-	1	459	1450	-	1.50	100
460	1	461	1250	-	1.28	100	1	468	1350	-	1.32	100	2	465	1300	71	1.30	100
470	1	474	1250	-	1.17	100	-	-	-	-	-	-	1	474	1250	-	1.17	100
480	-	-	-	-	-	-	5	486	1530	45	1.33	100	5	486	1530	45	1.33	100
490	-	-	-	-	-	-	1	490	1550	-	1.32	100	1	490	1550	-	1.32	100
500	1	508	1600	-	1.22	100	-	-	-	-	-	-	1	508	1600	-	1.22	100
510	-	-	-	-	-	-	1	514	1800	-	1.33	100	1	514	1800	-	1.33	100
530	-	-	-	-	-	-	1	530	2050	-	1.38	100	1	530	2050	-	1.38	100
TOTAL	19						14						44					
MEAN		424	1034	284	1.33			452	1307	472	1.34			397	947	511	1.28	

Appendix 35. Biological data by length interval for trout perch caught by experimental gillnets (Area V only), Great Slave Lake, 1977

LENGTH INTERVAL (MM)	MALES						FEMALES						COMBINED					
		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%		LENGTH(MM)	WEIGHT(G)			%
	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT	N	MEAN	MEAN	SD	K	MAT
90	1	94	5	-	0.60	100	1	96	5	-	0.57	100	2	95	5	0	0.58	100
TOTAL	1						1						2					
MEAN		94	5	-	0.60			96	5	-	0.57			95	5	0	0.58	

Appendix 36. Biological data by age group for inconnu caught by experimental gillnets, Great Slave Lake, 1977.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
6	4	616	27.1	2875	388	1.23	100	-	-	-	-	-	-	-	4	616	27.1	2875	388	1.23	100
TOTAL	4							0							4						
MEAN		616	27	2875	388	1.23			-	-	-	-	-			616	27.1	2875	388	1.23	
MEAN AGE		-						-							6.0						

Appendix 37. Biological data by age group for inconnu caught by experimental gillnets in Area II, Great Slave Lake, 1977.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
6	2	624	20.5	2900	636	1.19	100	-	-	-	-	-	-	-	2	624	20.5	2900	636	1.19	100
TOTAL	2							0							2						
MEAN		624	21	2900	636	1.19			-	-	-	-	-			624	20.5	2900	636	1.19	
MEAN AGE		-						-							6.0						

Appendix 38. Biological data by age group for inconnu caught by experimental gillnets in Area V, Great Slave Lake, 1977.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
6	2	609	39.6	2850	212	1.27	100	-	-	-	-	-	-	-	2	609	39.6	2850	212	1.27	100
TOTAL	2							0							2						
MEAN		609	40	2850	212	1.27			-	-	-	-	-			609	39.6	2850	212	1.27	
MEAN AGE		-						-							6.0						

Appendix 39. Biological data by age group for northern pike caught by experimental gillnets, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
1	1	246	-	100	-	0.67	0	-	-	-	-	-	-	-	3	216	26.3	83	29	0.85	0
2	5	317	53.2	250	117	0.75	20	1	370	-	350	-	0.69	0	7	324	48.1	257	106	0.73	14
3	8	385	31.0	431	88	0.75	50	8	388	37.9	450	125	0.76	0	20	381	33.4	423	109	0.75	20
4	23	441	26.3	630	108	0.74	70	21	461	38.3	705	172	0.71	33	44	450	33.8	666	146	0.72	52
5	19	521	62.0	1071	419	0.73	84	22	537	50.2	1100	316	0.69	64	41	530	55.9	1087	363	0.71	73
6	11	562	46.1	1295	294	0.72	100	13	615	44.1	1546	378	0.67	77	24	591	51.7	1431	358	0.69	88
7	5	618	23.7	1610	219	0.68	100	14	686	71.5	2207	687	0.67	79	19	668	69.1	2050	652	0.67	84
8	2	649	40.3	1575	318	0.60	100	5	744	65.3	2930	901	0.69	100	7	717	72.7	2543	998	0.66	100
9	-	-	-	-	-	-	-	8	765	87.7	3344	1053	0.72	100	8	765	87.7	3344	1053	0.72	100
10	1	696	-	2700	-	0.80	100	1	768	-	3150	-	0.70	100	2	732	50.9	2925	318	0.75	100
11	2	683	36.1	2275	460	0.71	100	1	780	-	4050	-	0.85	100	3	715	61.8	2867	1075	0.76	100
12	-	-	-	-	-	-	-	1	709	-	2750	-	0.77	100	1	709	-	2750	-	0.77	100
13	-	-	-	-	-	-	-	1	856	-	5200	-	0.83	100	1	856	-	5200	-	0.83	100
14	1	990	-	6750	-	0.70	0	-	-	-	-	-	-	-	1	990	-	6750	-	0.70	0
TOTAL	78							96							181						
MEAN		494	117	1014	860	0.73			578	133.0	1568	1110	0.70			532	138.2	1278	1041	0.71	
MEAN AGE		5.8							5.8							5.3					

Appendix 40. Biological data by age group for northern pike caught by experimental gillnets in Area II, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	396	-	500	-	0.81	0
5	1	670	-	2200	-	0.73	100	-	-	-	-	-	-	-	1	670	-	2200	-	0.73	100
6	2	633	10.6	1650	212	0.65	100	1	610	-	1700	-	0.75	100	3	625	15.0	1667	153	0.68	100
7	1	607	-	1550	-	0.69	100	-	-	-	-	-	-	-	1	607	-	1550	-	0.69	100
TOTAL	4							1							6						
MEAN		636	27	1763	320	0.68			610	-	1700	-	0.75			591	98.4	1542	568	0.71	
MEAN AGE		6.0							6.0							5.5					

Appendix 41. Biological data by age group for northern pike caught by experimental gillnets in Area V, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
1	1	246	-	100	-	0.67	0	-	-	-	-	-	-	-	3	216	26.3	83	29	0.85	0
2	5	317	53.2	250	117	0.75	20	1	370	-	350	-	0.69	0	7	324	48.1	257	106	0.73	14
3	8	385	31.0	431	88	0.75	50	8	388	37.9	450	125	0.76	0	19	381	34.2	418	111	0.75	21
4	23	441	26.3	630	108	0.74	70	21	461	38.3	705	172	0.71	33	44	450	33.8	666	146	0.72	52
5	18	513	51.9	1008	326	0.73	83	22	537	50.2	1100	316	0.69	64	40	526	51.8	1059	320	0.71	73
6	9	547	33.7	1217	252	0.73	100	12	616	46.1	1533	392	0.66	75	21	586	53.4	1398	369	0.69	86
7	4	620	26.5	1625	250	0.68	100	14	686	71.5	2207	687	0.67	79	18	671	69.4	2078	659	0.67	83
8	2	649	40.3	1575	318	0.60	100	5	744	65.3	2930	901	0.69	100	7	717	72.7	2543	998	0.66	100
9	-	-	-	-	-	-	-	8	765	87.7	3344	1053	0.72	100	8	765	87.7	3344	1053	0.72	100
10	1	696	-	2700	-	0.80	100	1	768	-	3150	-	0.70	100	2	732	50.9	2925	318	0.75	100
11	2	683	36.1	2275	460	0.71	100	1	780	-	4050	-	0.85	100	3	715	61.8	2867	1075	0.76	100
12	-	-	-	-	-	-	-	1	709	-	2750	-	0.77	100	1	709	-	2750	-	0.77	100
13	-	-	-	-	-	-	-	1	856	-	5200	-	0.83	100	1	856	-	5200	-	0.83	100
14	1	990	-	6750	-	0.70	0	-	-	-	-	-	-	-	1	990	-	6750	-	0.70	0
TOTAL	74							95							175						
MEAN		487	115	974	863	0.73			578	133.7	1566	1116	0.70			530	139.2	1269	1053	0.71	
MEAN AGE		5.8							5.8							5.3					

Appendix 42. Biological data by age group for round whitefish caught by experimental gillnets, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
3	-	-	-	-	-	-	-	1	230	-	150	-	1.23	100	1	230	-	150	-	1.23	100
4	1	298	-	350	-	1.32	100	-	-	-	-	-	-	-	1	298	-	350	-	1.32	100
5	3	284	3.2	250	0	1.09	100	3	279	25.6	283	29	1.36	100	6	282	16.5	267	26	1.22	100
6	4	316	22.4	338	118	1.05	100	4	285	7.5	275	65	1.19	100	8	300	22.6	306	94	1.12	100
7	6	337	16.8	533	75	1.39	100	4	324	19.0	463	75	1.35	75	10	332	17.9	505	80	1.37	90
8	4	362	32.0	700	178	1.47	100	-	-	-	-	-	-	-	4	362	32.0	700	178	1.47	100
9	2	377	17.0	750	141	1.39	100	3	373	10.8	617	126	1.18	100	5	374	11.7	670	135	1.27	100
10	3	390	7.2	850	132	1.43	100	1	405	-	950	-	1.43	100	4	394	9.4	875	119	1.43	100
11	-	-	-	-	-	-	-	2	419	4.9	950	141	1.29	100	2	419	4.9	950	141	1.29	100
12	-	-	-	-	-	-	-	1	319	-	1000	-	3.08	100	1	319	-	1000	-	3.08	100
TOTAL	23							19							42						
MEAN		339	38	543	229	1.31			325	55.4	508	284	1.37			333	46.7	527	253	1.34	
MEAN AGE		7.4							7.4							7.3					

Appendix 43. Biological data by age group for round whitefish caught by experimental gillnets in Area II, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
5	3	284	3.2	250	0	1.09	100	2	271	29.0	275	35	1.47	100	5	279	16.5	260	22	1.24	100
6	4	316	22.4	338	118	1.05	100	3	286	9.0	250	50	1.07	100	7	303	23.1	300	100	1.06	100
7	2	328	10.6	475	35	1.35	100	-	-	-	-	-	-	-	2	328	10.6	475	35	1.35	100
8	1	325	-	450	-	1.31	100	-	-	-	-	-	-	-	1	325	-	450	-	1.31	100
9	-	-	-	-	-	-	-	1	368	-	500	-	1.00	100	1	368	-	500	-	1.00	100
TOTAL	10							6							16						
MEAN		310	23	350	113	1.15			294	39.5	300	105	1.19			304	29.7	331	109	1.16	
MEAN AGE	6.2							6.2							6.1						

Appendix 44. Biological data by age group for round whitefish caught by experimental gillnets in Area V, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
3	-	-	-	-	-	-	-	1	230	-	150	-	1.23	100	1	230	-	150	-	1.23	100
4	1	298	-	350	-	1.32	100	-	-	-	-	-	-	-	1	298	-	350	-	1.32	100
5	-	-	-	-	-	-	-	1	297	-	300	-	1.15	100	1	297	-	300	-	1.15	100
6	-	-	-	-	-	-	-	1	282	-	350	-	1.56	100	1	282	-	350	-	1.56	100
7	4	342	18.6	563	75	1.41	100	4	324	19.0	463	75	1.35	75	8	333	19.7	513	88	1.38	88
8	3	374	25.5	783	76	1.52	100	-	-	-	-	-	-	-	3	374	25.5	783	76	1.52	100
9	2	377	17.0	750	141	1.39	100	2	375	14.1	675	106	1.27	100	4	376	12.8	713	111	1.33	100
10	3	390	7.2	850	132	1.43	100	1	405	-	950	-	1.43	100	4	394	9.4	875	119	1.43	100
11	-	-	-	-	-	-	-	2	419	4.9	950	141	1.29	100	2	419	4.9	950	141	1.29	100
12	-	-	-	-	-	-	-	1	319	-	1000	-	3.08	100	1	319	-	1000	-	3.08	100
TOTAL	13							13							26						
MEAN		362	31	692	177	1.43			340	57.0	604	291	1.46			351	46.5	648	240	1.45	
MEAN AGE	8.0							8.0							8.0						

Appendix 45. Biological data by age group for lake cisco caught by experimental gillnets, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
1	-	-	-	-	-	-	-	2	180	27.6	50	0	0.93	100	3	193	30.4	67	29	0.93	67
2	-	-	-	-	-	-	-	1	174	-	50	-	0.95	100	1	174	-	50	-	0.95	100
3	2	185	47.4	75	35	1.21	50	1	178	-	100	-	1.77	100	5	182	24.4	80	27	1.32	40
4	7	184	8.5	57	19	0.91	71	11	188	15.4	73	34	1.07	82	20	187	12.3	68	29	1.02	70
5	11	191	12.7	82	25	1.23	91	17	200	12.5	74	36	0.89	88	29	196	12.9	78	32	1.04	86
6	9	200	15.3	83	35	1.01	78	19	207	13.9	87	33	0.97	89	31	205	17.9	85	32	0.98	77
7	7	226	40.1	136	121	1.01	100	10	222	21.3	120	48	1.05	90	20	222	27.3	123	79	1.03	80
8	9	260	58.1	194	110	1.08	78	11	248	44.5	186	132	1.09	100	22	253	49.2	189	116	1.08	82
9	7	307	25.9	293	98	0.98	100	12	287	39.3	267	144	1.05	100	19	294	35.7	276	126	1.03	100
10	14	337	30.1	440	105	1.14	86	18	327	36.2	397	142	1.09	89	34	327	36.3	400	139	1.09	82
11	18	347	31.7	478	107	1.13	100	23	345	47.8	489	218	1.11	91	41	346	41.0	484	177	1.12	95
12	16	359	25.3	560	134	1.19	94	21	372	26.7	605	139	1.16	95	38	367	26.6	587	135	1.17	95
13	10	373	17.8	625	111	1.19	90	12	377	12.9	642	147	1.18	100	23	375	14.9	633	127	1.19	95
14	8	378	34.2	631	212	1.13	100	14	399	22.2	750	113	1.18	100	22	392	28.4	707	162	1.16	100
15	1	385	-	800	-	1.40	100	13	405	27.5	808	218	1.19	100	14	404	27.0	807	209	1.20	100
16	2	406	4.9	650	141	0.97	100	3	400	14.6	883	247	1.36	100	5	402	11.0	790	227	1.20	100
17	-	-	-	-	-	-	-	1	442	-	1000	-	1.16	100	1	442	-	1000	-	1.16	100
TOTAL	121							189							328						
MEAN		300	78	364	240	1.11			302	84.7	391	299	1.09			298	82.6	369	277	1.10	
MEAN AGE	9.6							9.6							9.4						

Appendix 46. Biological data by age group for lake cisco caught by experimental gillnets in Area IE, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
2	-	-	-	-	-	-	-	1	174	-	50	-	0.95	100	1	174	-	50	-	0.95	100
4	1	190	-	50	-	0.73	0	2	199	14.1	125	35	1.56	100	4	195	9.7	100	41	1.33	50
5	3	193	16.6	50	0	0.72	100	7	198	9.0	57	19	0.73	100	10	197	11.1	55	16	0.72	100
6	5	199	21.3	80	45	0.96	60	11	209	14.6	86	39	0.93	100	18	203	17.5	83	38	0.96	78
7	3	218	1.7	100	50	0.97	100	9	218	18.6	111	42	1.03	89	14	217	15.0	107	43	1.03	79
8	3	235	48.5	117	29	0.98	100	6	234	34.0	142	66	1.06	100	10	232	34.9	130	54	1.04	90
9	-	-	-	-	-	-	-	4	265	16.7	163	25	0.88	100	4	265	16.7	163	25	0.88	100
10	2	296	23.3	300	71	1.15	50	-	-	-	-	-	-	-	3	282	29.1	233	126	0.97	33
11	2	344	4.2	500	71	1.23	100	1	257	-	150	-	0.88	100	3	315	50.3	383	208	1.11	100
12	2	362	24.7	625	177	1.30	100	2	392	9.9	600	141	1.01	100	4	377	23.4	613	131	1.15	100
13	1	367	-	600	-	1.21	100	-	-	-	-	-	-	-	1	367	-	600	-	1.21	100
14	1	419	-	1000	-	1.36	100	1	393	-	650	-	1.07	100	2	406	18.4	825	247	1.22	100
TOTAL	23							44							74						
MEAN		257	76	248	268	1.02			230	51.8	140	141	0.97			236	60.0	169	191	0.99	
MEAN AGE	7.0							7.0							7.3						

Appendix 47. Biological data by age group for lake cisco caught by experimental gillnets in Area II, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	220	-	100	-	0.94	0
3	1	218	-	100	-	0.97	0	-	-	-	-	-	-	-	3	194	21.8	83	29	1.12	0
4	4	186	8.2	63	25	0.95	75	5	194	14.7	60	22	0.83	80	10	190	11.5	60	21	0.87	70
5	3	192	15.0	83	29	1.27	100	1	203	-	50	-	0.60	0	5	193	12.1	80	27	1.18	60
6	1	204	-	100	-	1.18	100	4	206	13.6	75	29	0.86	75	6	215	24.6	83	26	0.86	67
7	1	196	-	50	-	0.66	100	1	257	-	200	-	1.18	100	3	224	30.9	117	76	0.94	67
8	1	304	-	300	-	1.07	0	-	-	-	-	-	-	-	2	299	7.1	275	35	1.03	0
9	2	322	24.7	350	71	1.05	100	1	306	-	350	-	1.22	100	3	316	19.7	350	50	1.11	100
11	1	367	-	600	-	1.21	100	1	366	-	550	-	1.12	100	2	367	0.7	575	35	1.17	100
12	-	-	-	-	-	-	-	1	398	-	600	-	0.95	100	1	398	-	600	-	0.95	100
TOTAL	14							14							36						
MEAN		232	66	168	168	1.06			237	69.9	168	192	0.90			231	61.8	154	160	0.99	
MEAN AGE		6.3							6.3							5.8					

Appendix 48. Biological data by age group for lake cisco caught by experimental gillnets in Area IV, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
4	-	-	-	-	-	-	-	2	179	9.9	75	35	1.27	50	2	179	9.9	75	35	1.27	50
5	2	199	4.2	100	0	1.27	50	7	196	16.1	86	48	1.03	86	9	198	14.0	89	42	1.09	78
6	3	201	3.5	83	29	1.03	100	3	211	11.6	100	0	1.08	67	6	206	9.3	92	20	1.06	83
7	3	244	61.4	200	173	1.16	100	-	-	-	-	-	-	-	3	244	61.4	200	173	1.16	100
8	5	266	67.7	220	125	1.14	80	3	276	70.6	283	236	1.13	100	8	270	63.8	244	161	1.14	88
9	4	303	30.5	275	119	0.95	100	7	296	47.1	314	163	1.13	100	11	299	40.3	300	143	1.06	100
10	12	344	25.6	464	92	1.13	92	18	327	36.2	397	142	1.09	89	31	332	34.1	417	131	1.10	87
11	15	346	34.5	467	111	1.11	100	21	348	45.7	502	215	1.12	90	36	347	40.9	488	178	1.11	94
12	14	358	26.3	551	132	1.17	93	18	368	27.0	606	146	1.19	94	33	365	26.8	584	139	1.18	94
13	9	374	18.7	628	118	1.19	89	12	377	12.9	642	147	1.18	100	22	375	15.1	634	129	1.19	95
14	7	372	32.3	579	163	1.10	100	13	400	23.0	758	113	1.18	100	20	390	29.1	695	156	1.15	100
15	1	385	-	800	-	1.40	100	13	405	27.5	808	218	1.19	100	14	404	27.0	807	209	1.20	100
16	2	406	4.9	650	141	0.97	100	3	400	14.6	883	247	1.36	100	5	402	11.0	790	227	1.20	100
17	-	-	-	-	-	-	-	1	442	-	1000	-	1.16	100	1	442	-	1000	-	1.16	100
TOTAL	77							121							201						
MEAN		335	58	459	196	1.13			345	67.3	532	270	1.15			341	63.9	503	245	1.14	
MEAN AGE		11.3							11.3							11.2					

Appendix 49. Biological data by age group for lake cisco caught by experimental gillnets in Area V, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
1	-	-	-	-	-	-	-	2	180	27.6	50	0	0.93	100	2	180	27.6	50	0	0.93	100
3	1	151	-	50	-	1.45	100	1	178	-	100	-	1.77	100	2	165	19.1	75	35	1.61	100
4	2	176	7.1	50	0	0.92	100	2	172	11.3	50	0	1.00	100	4	174	8.0	50	0	0.96	100
5	3	183	11.1	100	0	1.66	100	2	209	15.6	100	0	1.11	100	5	193	18.0	100	0	1.44	100
6	-	-	-	-	-	-	-	1	186	-	100	-	1.55	100	1	186	-	100	-	1.55	100
8	-	-	-	-	-	-	-	2	248	21.2	175	35	1.14	100	2	248	21.2	175	35	1.14	100
9	1	295	-	250	-	0.97	100	-	-	-	-	-	-	-	1	295	-	250	-	0.97	100
TOTAL	7							10							17						
MEAN		192	47	100	71	1.32			198	32.3	95	50	1.17			196	37.8	97	57	1.23	
MEAN AGE	4.5							4.5							4.7						

Appendix 50. Biological data by age group for least cisco caught by experimental gillnets, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
3	-	-	-	-	-	-	-	1	186	-	50	-	0.78	100	1	186	-	50	-	0.78	100
4	-	-	-	-	-	-	-	4	173	20.4	60	27	1.19	100	6	182	36.2	82	62	1.25	67
5	2	195	10.6	50	0	0.69	100	1	188	-	50	-	0.75	100	4	196	9.7	63	25	0.82	75
6	2	189	23.3	75	35	1.27	100	4	214	16.1	75	29	0.79	100	6	205	20.8	75	27	0.95	100
7	10	248	28.9	135	58	0.84	100	10	251	22.8	125	42	0.82	100	20	249	25.4	130	50	0.83	100
8	7	270	16.3	150	29	0.76	100	14	265	18.9	158	43	0.84	86	21	266	17.8	155	38	0.81	90
9	7	271	7.2	179	49	0.88	100	5	284	6.4	190	42	0.83	100	12	277	9.4	183	44	0.86	100
10	3	288	15.6	217	29	0.90	100	11	281	16.2	195	47	0.87	100	14	283	15.8	200	44	0.88	100
11	3	285	11.6	183	29	0.79	100	6	298	9.1	200	32	0.75	100	9	294	11.4	194	30	0.77	100
13	-	-	-	-	-	-	-	1	287	-	200	-	0.85	100	1	287	-	200	-	0.85	100
TOTAL	34							57							94						
MEAN		257	33	150	58	0.85			258	38.3	151	61	0.85			256	37.8	149	60	0.86	
MEAN AGE	8.1							8.1							8.0						

Appendix 51. Biological data by age group for least cisco caught by experimental gillnets in Area IE, Great Slave Lake, 1977.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
4	-	-	-	-	-	-	-	2	188	2.8	70	42	1.07	100	2	188	2.8	70	42	1.07	100
5	1	202	-	50	-	0.61	100	1	188	-	50	-	0.75	100	2	195	9.9	50	0	0.68	100
6	1	205	-	50	-	0.58	100	3	207	12.7	67	29	0.79	100	4	207	10.4	63	25	0.74	100
7	6	244	33.1	125	69	0.80	100	8	256	19.4	125	46	0.78	100	14	250	25.7	125	55	0.79	100
8	5	266	15.5	150	35	0.79	100	10	260	18.0	146	43	0.82	90	15	262	16.9	147	40	0.81	93
9	1	267	-	150	-	0.79	100	1	291	-	150	-	0.61	100	2	279	17.0	150	0	0.70	100
10	-	-	-	-	-	-	-	2	272	29.7	175	35	0.87	100	2	272	29.7	175	35	0.87	100
TOTAL	14							27							41						
MEAN		248	31	125	58	0.76			247	32.4	124	51	0.81			247	31.6	124	53	0.80	
MEAN AGE	7.3							7.3							7.3						

Appendix 52. Biological data by age group for least cisco caught by experimental gillnets in Area II, Great Slave Lake, 1977.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
3	-	-	-	-	-	-	-	1	186	-	50	-	0.78	100	1	186	-	50	-	0.78	100
8	-	-	-	-	-	-	-	1	286	-	200	-	0.85	100	1	286	-	200	-	0.85	100
TOTAL	0							2							2						
MEAN		-	-	-	-	-			236	70.7	125	106	0.82			236	70.7	125	106	0.82	
MEAN AGE	5.5							5.5							5.5						

Appendix 53. Biological data by age group for least cisco caught by experimental gillnets in Area IV, Great Slave Lake, 1977.

AGE (YR)	MALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	FEMALES N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT	COMBINED N	LENGTH(MM) MEAN	LENGTH(MM) SD	WEIGHT(G) MEAN	WEIGHT(G) SD	K	% MAT
5	1	187	-	50	-	0.76	100	-	-	-	-	-	-	-	1	187	-	50	-	0.76	100
7	4	254	24.2	150	41	0.90	100	2	232	33.2	125	35	1.01	100	6	247	26.6	142	38	0.94	100
8	2	279	20.5	150	0	0.71	100	2	266	23.3	175	35	0.93	50	4	272	19.4	163	25	0.82	75
9	6	272	7.6	183	52	0.90	100	4	283	6.0	200	41	0.88	100	10	276	8.7	190	46	0.89	100
10	3	288	15.6	217	29	0.90	100	9	283	13.8	200	50	0.87	100	12	285	13.7	204	45	0.88	100
11	3	285	11.6	183	29	0.79	100	6	298	9.1	200	32	0.75	100	9	294	11.4	194	30	0.77	100
13	-	-	-	-	-	-	-	1	287	-	200	-	0.85	100	1	287	-	200	-	0.85	100
TOTAL	19							24							43						
MEAN		269	27	171	51	0.86			281	21.8	192	43	0.86			276	24.6	183	47	0.86	
MEAN AGE	9.8							9.8							9.3						

Appendix 54. Biological data by age group for least cisco caught by experimental gillnets in Area V, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
4	-	-	-	-	-	-	-	2	159	19.1	50	0	1.31	100	4	179	46.3	88	75	1.35	50
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	206	-	100	-	1.14	0
6	1	172	-	100	-	1.97	100	1	232	-	100	-	0.80	100	2	202	42.4	100	0	1.38	100
8	-	-	-	-	-	-	-	1	287	-	200	-	0.85	100	1	287	-	200	-	0.85	100
TOTAL	1							4							8						
MEAN		172	-	100	-	1.97			209	63.5	100	71	1.07			202	50.2	106	62	1.27	
MEAN AGE	5.5							5.5							5.1						

Appendix 55. Biological data by age group for burbot caught by experimental gillnets, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
3	5	320	14.6	250	50	0.76	40	6	302	50.7	225	94	0.75	0	15	314	33.3	243	70	0.76	14
4	10	335	50.6	290	115	0.72	40	5	413	149	600	619	0.72	60	28	338	84.0	318	293	0.70	27
5	18	353	98.0	408	133	82E3	39	9	343	32.8	333	43	0.89	44	31	352	76.1	381	111	48E3	35
6	7	326	142	386	56	26E3	57	4	369	27.7	338	111	0.69	0	17	355	91.8	376	73	11E3	24
7	6	407	47.0	567	202	0.85	33	4	462	33.5	713	103	0.73	75	12	428	46.2	613	185	0.78	42
8	17	482	41.2	732	209	0.65	71	10	490	20.9	785	67	0.67	80	27	485	34.8	752	171	0.66	74
9	27	498	46.1	798	232	0.63	81	18	497	62.8	833	206	0.70	89	46	497	52.2	812	218	0.66	83
10	29	518	33.0	872	239	0.62	90	29	510	40.7	890	257	0.66	83	58	514	36.9	881	246	0.64	86
11	23	544	51.8	1048	353	0.63	83	11	534	41.9	950	218	0 62	100	36	539	47.6	1004	312	0.62	83
12	11	572	52.7	1273	331	0.67	82	14	574	54.8	1196	468	0.61	100	26	571	52.6	1217	404	0.64	88
13	11	620	45.7	1591	453	0.65	100	12	617	44.6	1354	495	0.55	100	23	619	44.1	1467	480	0.60	100
14	8	642	55.0	1738	594	0.64	100	8	655	56.5	1644	503	0.57	100	16	649	54.3	1691	534	0.60	100
15	4	672	37.0	1725	417	0.57	100	9	626	55.2	1606	445	0.65	100	13	640	53.3	1642	423	0.62	100
16	2	657	9.9	1700	141	0.60	100	2	670	25.5	1325	106	0.44	100	4	664	17.5	1513	239	0.52	100
17	2	668	46.0	1775	389	0.59	100	2	760	74.2	2875	813	0.65	100	4	714	73.2	2325	821	0.62	100
18	1	664	-	2200	-	0.75	100	1	760	-	1550	-	0.35	100	2	712	67.9	1875	460	0.55	100
19	1	730	-	2050	-	0.53	100	-	-	-	-	-	-	-	1	730	-	2050	-	0.53	100
TOTAL	182							144							359						
MEAN		496	115	904	517	9158			519	110.2	981	544	0.66			493	117.8	886	534	4643	
MEAN AGE	10.0							10.0							9.3						

Appendix 56. Biological data by age group for burbot caught by experimental gillnets in Area IE, Great Slave Lake, 1977.

AGE (YR)	MALES							FEMALES							COMBINED					
		LENGTH(MM)		WEIGHT(G)			%		LENGTH(MM)		WEIGHT(G)			%		LENGTH(MM)		WEIGHT(G)			%
	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT
3	2	332	7.8	300	0	0.82	100	3	323	11.5	250	50	0.74	0	8	325	11.4	275	46	0.80	29
4	2	370	35.4	375	35	0.75	50	-	-	-	-	-	-	-	6	357	31.5	325	42	0.73	25
5	5	417	35.9	560	96	0.78	40	3	350	13.8	317	29	0.74	33	10	385	42.2	440	147	0.76	30
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	369	29.7	425	106	0.84	0
7	3	415	59.9	683	115	1.03	67	1	440	-	650	-	0.76	100	5	427	45.8	690	89	0.93	60
8	7	495	29.2	800	178	0.65	71	2	499	6.4	750	0	0.61	100	9	496	25.4	789	156	0.64	78
9	13	510	38.1	846	255	0.62	92	2	535	49.5	1050	283	0.68	100	15	513	38.7	873	258	0.63	93
10	10	522	22.3	850	251	0.60	90	8	499	30.0	856	108	0.71	75	18	511	27.8	853	195	0.65	83
11	5	566	42.7	1160	238	0.64	100	-	-	-	-	-	-	-	6	562	39.8	1117	238	0.63	83
12	4	609	43.6	1475	366	0.64	100	6	599	50.4	1442	385	0.66	100	11	596	49.1	1405	378	0.65	91
13	4	642	27.6	1863	232	0.70	100	2	604	19.8	1500	141	0.68	100	6	629	30.3	1742	267	0.69	100
14	4	674	39.3	2175	484	0.71	100	1	740	-	2450	-	0.60	100	5	687	45.0	2230	437	0.69	100
15	2	688	38.2	2075	35	0.64	100	3	647	22.9	1917	375	0.72	100	5	663	33.6	1980	280	0.69	100
17	-	-	-	-	-	-	-	1	812	-	3450	-	0.64	100	1	812	-	3450	-	0.64	100
TOTAL	61							32							107						
MEAN		524	93	1038	558	0.68			525	123.1	1128	729	0.69			506	111.3	986	622	0.69	
MEAN AGE	10.0							10.0							9.1						

Appendix 57. Biological data by age group for burbot caught by experimental gillnets in Area II, Great Slave Lake, 1977.

AGE (YR)	MALES							FEMALES							COMBINED					
		LENGTH(MM)		WEIGHT(G)			%		LENGTH(MM)		WEIGHT(G)			%		LENGTH(MM)		WEIGHT(G)			%
	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT	N	MEAN	SD	MEAN	SD	K	MAT
3	-	-	-	-	-	-	-	1	326	-	250	-	0.72	0	1	326	-	250	-	0.72	0
4	4	349	21.4	313	85	0.72	25	-	-	-	-	-	-	-	8	317	63.6	250	141	0.67	13
5	4	358	9.9	313	63	0.68	50	2	305	63.6	325	35	1.35	50	7	345	39.1	329	57	0.88	43
6	1	6	-	400	-	19E4	0	2	353	5.7	275	35	0.62	0	5	299	165	330	57	37E3	0
7	1	376	-	350	-	0.66	0	1	469	-	800	-	0.78	100	2	423	65.8	575	318	0.72	50
8	6	496	19.4	742	231	0.61	83	3	484	18.5	800	50	0.71	33	9	492	19.0	761	187	0.64	67
9	4	512	6.5	850	41	0.64	100	9	497	62.5	850	103	0.75	78	13	502	51.6	850	87	0.72	85
10	5	516	26.9	830	120	0.60	80	5	516	17.0	970	299	0.69	100	10	516	21.2	900	227	0.65	90
11	3	533	11.0	967	126	0.64	67	3	556	59.0	1067	275	0.61	100	6	544	40.1	1017	199	0.63	83
12	1	511	-	1200	-	0.90	0	-	-	-	-	-	-	-	1	511	-	1200	-	0.90	0
14	-	-	-	-	-	-	-	1	610	-	1100	-	0.48	100	1	610	-	1100	-	0.48	100
TOTAL	29							27							63						
MEAN		445	113	667	294	6386			478	88.8	794	302	0.75			446	108.0	677	324	2940	
MEAN AGE	8.7							8.7							7.9						

Appendix 58. Biological data by age group for burbot caught by experimental gillnets in Area IV, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
3	3	313	13.9	217	29	0.71	0	2	259	83.4	175	177	0.78	0	6	296	48.1	200	84	0.71	0
4	2	363	2.8	350	0	0.73	100	4	347	28.0	325	87	0.76	50	10	337	40.2	295	90	0.74	40
5	6	314	154	400	63	25E4	50	4	357	10.5	350	58	0.76	50	11	335	112	382	60	13E4	45
6	4	376	13.7	375	65	0.70	75	-	-	-	-	-	-	-	5	377	12.2	390	65	0.72	60
7	1	448	-	700	-	0.78	0	2	469	52.3	700	141	0.68	50	3	462	38.9	700	100	0.71	33
8	2	476	5.7	750	71	0.70	100	5	489	27.1	790	89	0.68	100	7	486	23.2	779	81	0.68	100
9	7	497	28.9	764	111	0.62	86	4	533	27.1	938	111	0.62	100	12	508	31.4	825	131	0.63	83
10	10	508	25.7	845	86	0.65	90	13	498	28.0	788	143	0.63	77	23	502	26.9	813	123	0.64	83
11	8	534	48.1	950	288	0.61	88	6	525	37.1	942	208	0.64	100	15	527	41.9	930	247	0.62	87
12	4	530	25.6	988	189	0.66	75	4	558	38.2	850	342	0.50	100	8	544	33.7	919	266	0.58	88
13	2	636	57.3	1525	742	0.57	100	7	615	55.0	1271	592	0.51	100	9	619	52.6	1328	586	0.53	100
14	1	665	-	1500	-	0.51	100	3	622	23.4	1367	306	0.56	100	4	633	28.8	1400	258	0.55	100
15	1	627	-	1500	-	0.61	100	3	616	84.4	1450	527	0.61	100	4	619	69.1	1463	431	0.61	100
16	1	664	-	1600	-	0.55	100	1	652	-	1250	-	0.45	100	2	658	8.5	1425	247	0.50	100
TOTAL	52							58							119						
MEAN		473	113	778	384	28E3			506	101.3	863	425	0.63			482	110.6	790	412	12E3	
MEAN AGE		9.8							9.8							9.1					

Appendix 59. Biological data by age group for burbot caught by experimentalgillnets in Area V, Great Slave Lake, 1977.

AGE (YR)	MALES N	MALES LENGTH(MM) MEAN	MALES LENGTH(MM) SD	MALES WEIGHT(G) MEAN	MALES WEIGHT(G) SD	MALES K	MALES % MAT	FEMALES N	FEMALES LENGTH(MM) MEAN	FEMALES LENGTH(MM) SD	FEMALES WEIGHT(G) MEAN	FEMALES WEIGHT(G) SD	FEMALES K	FEMALES % MAT	COMBINED N	COMBINED LENGTH(MM) MEAN	COMBINED LENGTH(MM) SD	COMBINED WEIGHT(G) MEAN	COMBINED WEIGHT(G) SD	COMBINED K	COMBINED % MAT
4	2	247	3.5	100	0	0.67	0	1	675	-	1700	-	0.55	100	4	356	213	500	800	0.62	25
5	3	320	52.2	300	150	0.92	0	-	-	-	-	-	-	-	3	320	52.2	300	150	0.92	0
6	2	388	19.8	400	71	0.68	50	2	385	35.4	400	141	0.75	0	5	382	22.7	390	82	0.72	20
7	1	375	-	300	-	0.57	0	-	-	-	-	-	-	-	2	383	11.3	325	35	0.58	0
8	2	399	61.5	450	212	0.68	0	-	-	-	-	-	-	-	2	399	61.5	450	212	0.68	0
9	3	429	89.7	600	436	0.67	0	3	421	54.6	500	150	0.66	100	6	425	66.6	550	297	0.67	50
10	4	535	70.7	1050	502	0.65	100	3	583	72.1	1283	511	0.62	100	7	555	70.0	1150	478	0.64	100
11	7	545	72.4	1114	534	0.64	71	2	527	40.3	800	141	0.55	100	9	541	64.8	1044	486	0.62	78
12	2	616	0.7	1475	106	0.63	100	4	552	71.6	1175	552	0.66	100	6	573	64.3	1275	457	0.65	100
13	5	597	50.6	1400	461	0.64	100	3	632	34.2	1450	477	0.56	100	8	610	46.1	1419	433	0.61	100
14	3	592	46.5	1233	306	0.59	100	3	675	61.3	1833	388	0.59	100	6	634	66.7	1533	454	0.59	100
15	1	683	-	1250	-	0.39	100	3	616	59.8	1450	397	0.61	100	4	633	59.1	1400	339	0.56	100
16	1	650	-	1800	-	0.66	100	1	688	-	1400	-	0.43	100	2	669	26.9	1600	283	0.54	100
17	2	668	46.0	1775	389	0.59	100	1	707	-	2300	-	0.65	100	3	681	39.7	1950	409	0.61	100
18	1	664	-	2200	-	0.75	100	1	760	-	1550	-	0.35	100	2	712	67.9	1875	460	0.55	100
19	1	730	-	2050	-	0.53	100	-	-	-	-	-	-	-	1	730	-	2050	-	0.53	100
TOTAL	40							27							70						
MEAN		518	133	1035	629	0.66			579	111.0	1244	583	0.61			534	132.0	1083	627	0.64	
MEAN AGE		11.9							11.9							11.0					

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